



10 Minutes a Day

Level 2

Book 1: Extended Addition & Subtraction Worksheets

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Ten Minutes a Day Level 2: Extended Addition & Subtraction Worksheets

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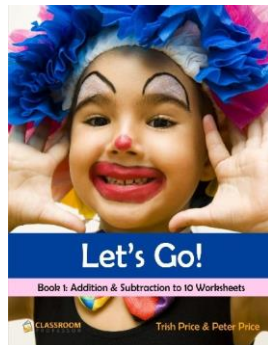
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Scope and Sequence – Developing Number Fluency “Times Tables”

	Addition & Subtraction to 10				Addition				Subtraction				Addition & Subtraction Revision				Addition				Subtraction				Addition & Subtraction				Easy Multiplication and Division				Extended Addition & Subtraction				Multiplication				Division				Multiplication and Division Revision				All Operations Revision				Extended Multiplication and Division				Division with Remainders				Factors & Multiples				Mental Strategies				All Operations Advanced Revision				Fractions				Percentages																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Series	Let's Go!				Ten Minutes a Day Level 1				Ten Minutes a Day Level 2				Ten Minutes a Day Level 3				Bring It On!																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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Developing Fluency Worksheets Series

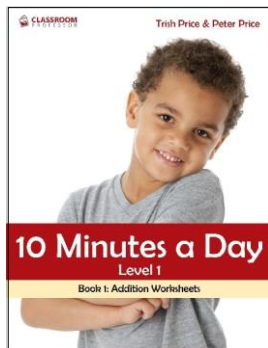
Grade 1 / Year 2



Four eBooks:

- Addition & Subtraction to 10
- Addition
- Subtraction
- Addition & Subtraction Revision

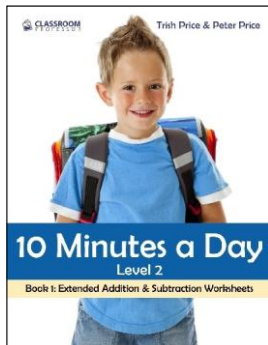
Grade 2 / Year 3



Four eBooks:

- Addition
- Subtraction
- Addition & Subtraction Revision
- Easy Multiplication & Division

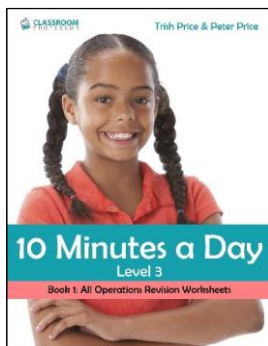
Grade 3 / Year 4



Four eBooks:

- Extended Addition & Subtraction
- Multiplication
- Division
- Multiplication & Division Revision

Grade 4 / Year 5



Four eBooks:

- All Operations Revision
- Extended Multiplication & Division
- Division with Remainders
- Factors & Multiples

Grade 5 / Year 6



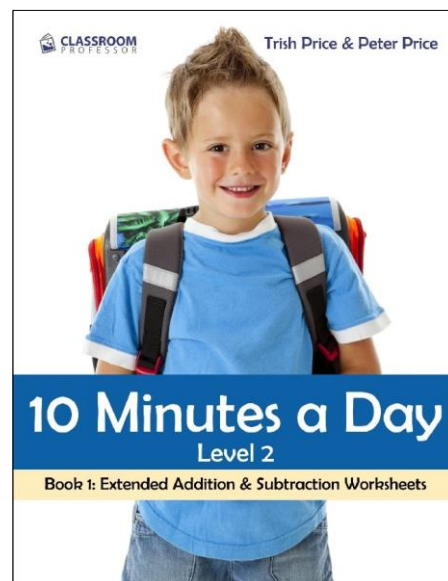
Four eBooks:

- Mental Strategies
- All Operations Advanced Revision
- Fractions
- Percentages

Grade 3 / Year 4 eBooks series: 10 Minutes a Day Level 2

Each worksheets eBook contains:

- * Daily worksheets for 10 weeks
- * Carefully graded and sequenced activities
- * Lots of revision activities
- * 5 Checkup worksheets for assessment
- * 20 Homework worksheets with parents' advice
- * All answer keys
- * PDF download for easy access
- * Teaching strategies advice
- * 30-day money-back guarantee



Extended Addition & Subtraction:

- Count on/back 1
- Count on/back 2
- Count on/back 3
- Rainbow facts
- Special cases (+/- 0, 10)
- Doubling/Halving
- Doubles +1
- Near 10 (+/- 9)
- Near 10 (+/- 8)
- +/- Revision

Division:

- Halving ($\div 2$)
- Relate to $5x$ ($\div 10, \div 5$)
- Relate to $3x$ ($\div 3$)
- Halve & halve again ($\div 4$)
- Nothing at all ($0 \div$) & squares
- Check the tens ($\div 9$)
- Relate to $6x$ ($\div 6$)
- Relate to $8x$ ($\div 8$)
- Relate to $7x$ ($\div 7$)
- Revision ($\div$ all)

Multiplication:

- Double ($2x$)
- Place value ($5x, 10x$)
- Doubles + one more set ($3x$)
- Double double ($4x$)
- Special cases ($0x$, squares)
- Tens less one set ($9x$)
- Build from fives ($6x$)
- Double double double ($8x$)
- Build from known facts ($7x$)
- Revision

Multiplication & Division Revision:

- Double ($2x, \div 2$)
- Place value ($5x, 10x, \div 5, \div 10$)
- Double + one more ($3x, \div 3$)
- Double double ($4x, \div 4$)
- Zero ($0x, 0 \div$) & square nos
- Look for patterns ($9x, \div 9$)
- Build from $5x$ ($6x, \div 6$)
- Double double double ($8x, \div 8$)
- Build from known facts ($7x, \div 7$)
- Revision of all $x \div$



Contents: Ten Minutes a Day Level 2: Extended Addition & Subtraction

Classroom Worksheets

+/- Count on/back 1	1[A]
+/- Count on/back 1 extended	1[C] - 1[D]
+/- Count on/back 2 extended	2[A] - 2[D]
+/- Count on/back 3 extended	3[A] - 3[D]
+/- Rainbow Facts extended.....	4[A] - 4[D]
+/- 0 & 10 extended	5[A] - 5[D]
+/- Double/Half extended.....	6[A] - 6[D]
+/- Doubles +1 extended	7[A] - 7[D]
+/- 9 near 10 extended	8[A] - 8[D]
+/- 8 near 10 extended	9[A] - 9[D]
+/- Remaining facts & Revision extended.....	10[A] - 10[D]

Check Up Worksheets

Count on 1 & 2	Check Up A
Count on 3; Rainbow facts	Check Up B
+0, +10; Double.....	Check Up C
Double +1; Near Ten +9.....	Check Up D
Near Ten +8; All strategies.....	Check Up E

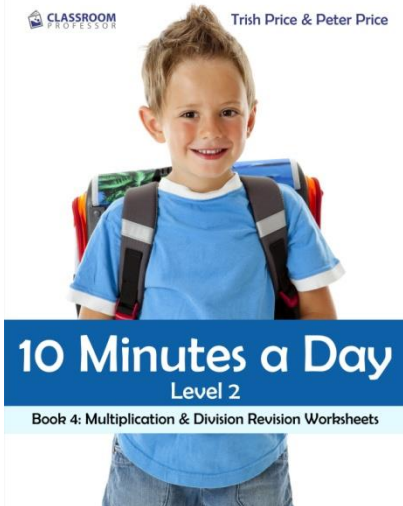
Homework Worksheets

Count on/back 1	1[A] – 1[B] HW
Count on/back 2	2[A] – 2[B] HW
Count on/back 3	3[A] – 3[B] HW
Rainbow Facts	4[A] – 4[B] HW
+/- 0 & 10.....	5[A] – 5[B] HW
Doubling/Halving	6[A] – 6[B] HW
Doubles +1	7[A] – 7[B] HW
+/- 9 near 10	8[A] – 8[B] HW
+/- 8 near 10	9[A] – 9[B] HW
+/- Revision	10[A] – 10[B] HW

Answer Keys

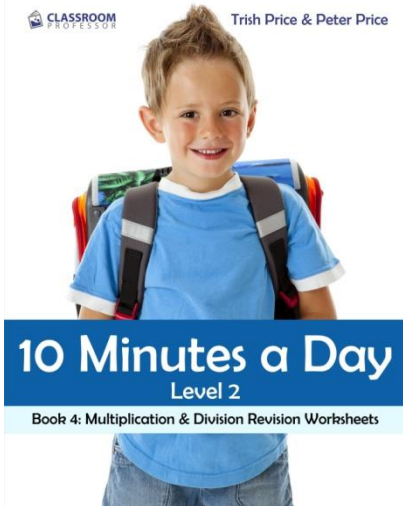


Alignment with the Common Core State Standards for Mathematics

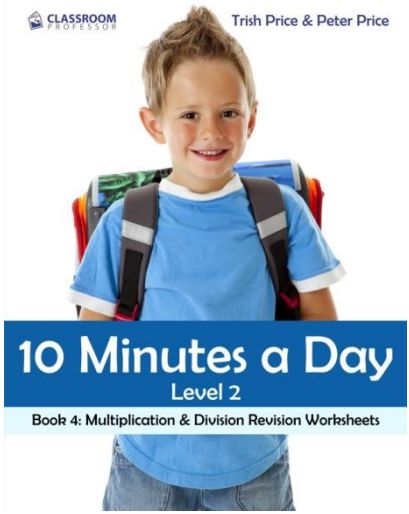
Common Core State Standards for Mathematics	Recommended eBook match	Description
Grade 3 Operations & Algebraic Thinking Multiply and divide within 100 - Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that $8 \times 5 = 40$, one knows $40 \div 5 = 8$) or properties of operations. - By the end of Grade 3, know from memory all products of two one-digit numbers.	 Ten Minutes a Day Level 2: - Extended Addition & Subtraction - Multiplication - Division - Multiplication & Division Revision	The <i>10 Minutes a Day: Level 2</i> series targets the core multiplication and division number facts to be learned in Grade 3. Book 1 includes revision of all addition and subtraction strategies at an advanced level, extending the strategies to numbers of tens (e.g., $70 + 70 = ?$). Books 2 and 3 cover the multiplication and division facts within 100, as specified in the Common Core State Standards for Mathematics. Learning is based on sequenced strategies which can be applied to larger numbers in later years. Book 4 revises the strategies for memorizing the facts in Books 2 and 3.



Alignment with the UK National Curriculum for Mathematics (draft 21 June 2012)

National Curriculum for Mathematics	Recommended eBook match	Description
Year 3 Addition and subtraction Pupils should be taught to: - accurately add and subtract numbers mentally including: pairs of one- and 2digit numbers; ... Multiplication and division Pupils should be taught to: - recall and use multiplication and division facts for the 2, 3, 4, 5, 8 and 10 multiplication tables	 Ten Minutes a Day Level 2: - Extended Addition & Subtraction - Multiplication - Division - Multiplication & Division Revision	The <i>10 Minutes a Day: Level 2</i> series targets the core multiplication and division number facts to be learned in Years 3 and 4. Book 1 includes revision of all addition and subtraction strategies at an advanced level, applying the strategies to numbers of tens (e.g., $70 + 70 = ?$). Books 2 and 3 cover the multiplication and division facts within 144, as specified in the National Curriculum for Mathematics (draft). Learning is based on sequenced strategies which can be applied to larger numbers in later years. Book 4 revises the strategies for memorizing the facts in Books 2 and 3.
Year 4 Multiplication and division Pupils should be taught to: - recall multiplication and division facts for multiplication tables up to 12×12 - mentally perform multiplication and division calculations quickly and accurately, including multiplying by 0 and dividing by 1 - recognise and use factor pairs within 144		

Ten Minutes a Day Level 2: Alignment with the Australian Curriculum

eBook Series	Series Titles	Australian Curriculum: Content Descriptions
	Ten Minutes a Day Level 2: - Extended Addition & Subtraction - Multiplication - Division - Multiplication & Division Revision	Year 4 - Investigate number sequences involving multiples of 3, 4, 6, 7, 8, and 9 (ACMNA074) - Recall multiplication facts up to 10×10 and related division facts (ACMNA075) - Develop efficient mental and written strategies and use appropriate digital technologies for multiplication and for division where there is no remainder (ACMNA076)

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Teaching Strategies

Teaching Strategies Fact Sheets

The Teaching Strategies Fact Sheets provide expert information for teachers about the recommended strategy-based approach to the teaching of arithmetic facts.

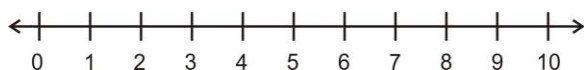
Addition Number Facts - Teaching Strategies

Count On 1 Facts (+1)

Plus 1 facts are taught using a *count on* strategy: students who are familiar with the sequence of counting numbers can mentally “count on” to the next number, and name it. For example, “7” is followed by “8”.

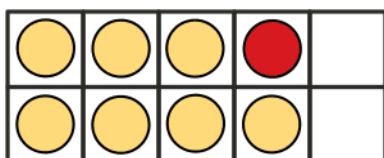
It is important to note that children should be discouraged from counting from “1”; they need to know the sequence of number names well enough that they can start part-way along the sequence and recall the following number.

Teaching count on facts can be supported by a number line, which allows students to see the sequence of numbers and gain familiarity with the sequence.



Ten frames are also an excellent way for children to visualise the count on one strategy. With frequent use of ten frames, adding on one more is an easy step; for example:

$$7+1 = 8$$

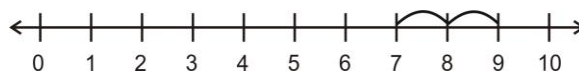


Daily practice from a young age makes visualisation of numbers up to 10 an automatic task.

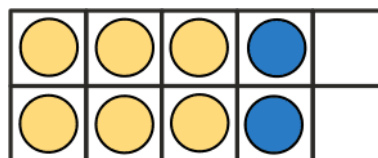
Count On 2 Facts (+2)

Plus 2 facts are also taught using a *count on* strategy: students who are familiar with the sequence of counting numbers can mentally “count on” two more numbers. For example, $4 + 2$: say “four”, skip 5, say “six”. You could have the students count, whispering the middle number (e.g., “seven, eight, nine”).

A number line will help children to visualize this operation which “skips” one number and lands on the next one:



A ten frame will also support students’ thinking. You could use a second color to add 2 counters, allowing students to subitize the starting number, the 2 added, and the sum:

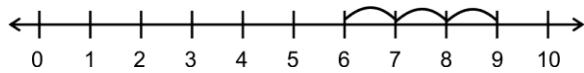


Count On 3 Facts (+3)

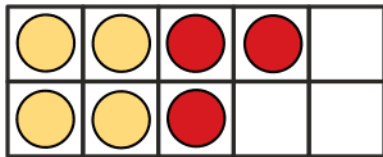
Plus 3 facts are the “last set” taught using a *count on* strategy. Students who are quite familiar with the sequence of counting numbers can mentally “count on” three more numbers. For example, $6 + 3$: say “six”, skip 7 and 8, say “nine”. You could

have the students count, whispering the two middle numbers (e.g., “one, two, three, four”).

A number line will help children to visualize this operation which “skips” two numbers and lands on the one after:

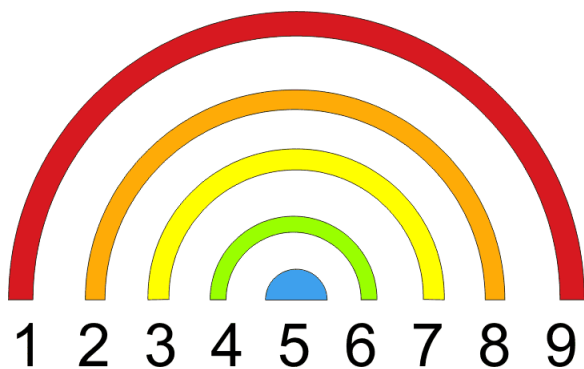


Adding three with a ten frame or two is trickier than adding one or two, but with practice students should find this easy. As with all strategies, the aim is to move students beyond the visual or physical representations and the strategy, to being able to visualize the number, and ultimately simply knowing the fact.

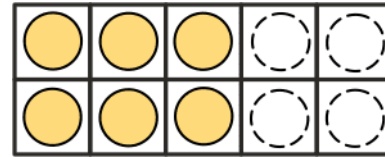


Rainbow Facts (Sums to 10)

Rainbow facts are taught using a *pairs to ten* strategy: the sum of each pair of terms is 10. Students can be shown a rainbow graphic to illustrate the fact that these pairs are equidistant from the number five:



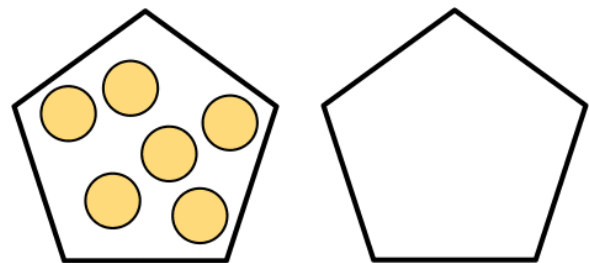
Another excellent method for visualising pairs to ten is the ten frame. Children should have practice putting a number of counters on the ten frame, and then filling the frame with counters of a second color. After some practice with this, students should be able to state the number of empty squares without using the extra counters:



Pairs to ten are foundational for many other mathematical skills, such as giving change, making this strategy very useful and relevant to everyday life.

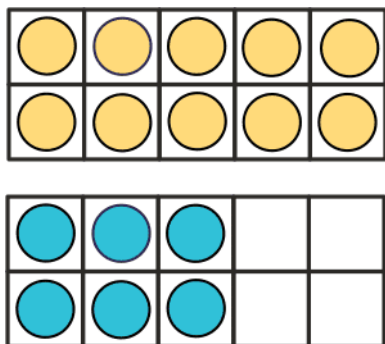
Special Cases (+0 & +10)

Plus 0 and plus 10 facts are *special cases*. The number zero is the “additive identity”, meaning that another number is unchanged by the action of adding zero. Talk to students about having two containers of objects to combine, one of which is empty:



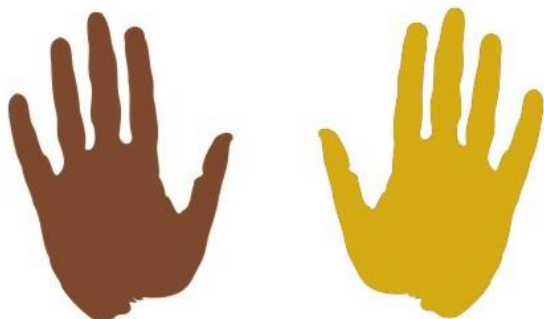
Adding ten to a single digit number results in the associated teen number which has one ten and the single digit number of ones. Most pairs of a single digit number and the associated teen number sound similar (e.g.,

“six” and “sixteen”). This can be illustrated easily with a pair of ten frames:

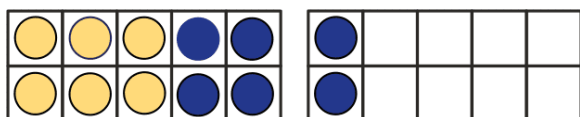


Doubles Addition Facts

Doubles number facts are taught using a *pairs* strategy. There are many examples from life which are familiar to children of items being paired. For example, people generally have 5 digits on each hand, forming a simple example of double five:



Ten frames help as well. For example, $6+6 = 12$:

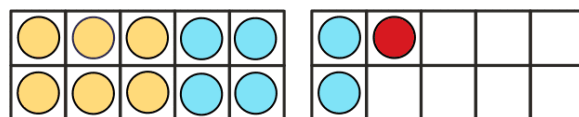


Doubles + 1 (pairs of adjacent numbers)

Doubles +1 number facts are taught using a *think of doubles* strategy: once doubles are memorized, any double plus one fact is

easily found by counting on one more. Doubles plus one facts are recognized by the pairing of two numbers that are consecutive counting numbers, their sum equalling double the smaller number plus one. For example:

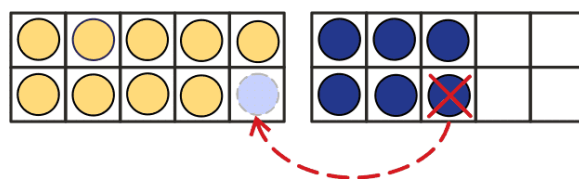
$$\begin{aligned} 6+7 &= \text{double } 6+1 \\ &= 12+1 \\ &= 13 \end{aligned}$$



Near Ten Facts (+9)

Plus 9 number facts are taught using a *near ten* strategy: encourage students to think of adding ten, then subtracting one. To be successful, the student needs to be familiar with teen numbers and their “ten plus some ones” common structure. The +9 strategy is easily illustrated using two ten frames and counters. Place 9 counters on the left-hand ten frame, the other number in the right-hand ten frame. The student should easily see that moving one counter from the “ones” to add to the nine makes the sum a simple “ten plus ones” question. For example:

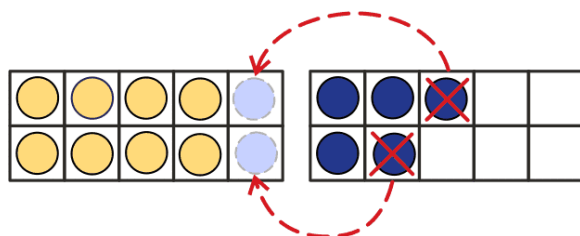
$$9+6 = 15$$



Near Ten Facts (+8)

Plus 8 number facts are also taught using a *near ten* strategy. Students should think of adding ten, then subtracting two. The +8 strategy is easily illustrated using two ten frames and counters. For example:

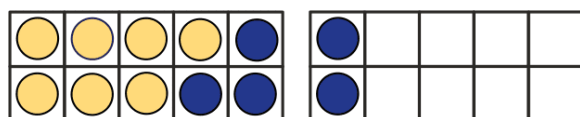
$$8+5 = 13$$



Remaining facts (7+4, 7+5)

Once the previous recommended strategies have been learned, there are just two pairs of addition facts which remain, 7+4 and 7+5, and their turnaround facts. These facts can be learned as separate facts, and students can be encouraged to think of related facts that help to memorize them. For example, 7+4 is just one more than the rainbow fact 7+3.

A pair of ten frames can be used to illustrate 7+5, which will show that this sum is the same as 7+3 plus 2 more:



Subtraction Number Facts - Teaching Strategies

– 1: Count Back Facts

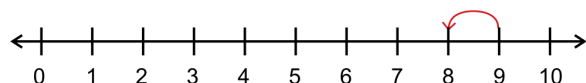
Subtract 1 facts are taught using a *count back one* strategy: Students who are familiar with the sequence of counting numbers backwards can mentally “count back” to the previous number, and name it.



A number line will help children to visualize this operation which lands on the previous number:

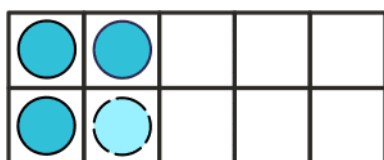
Also included are questions in which the *difference* is 1. As students become familiar with counting, they will know which numbers are next to each other, the difference between adjacent numbers being one.

For example, $9 - 8 = 1$, as it takes only 1 hop to move from 9 to 8:



Ten frames are also an excellent way for children to visualise the count back one strategy. With frequent use of ten frames, subtracting one is an easy step. For example:

$$4 - 1 = 3$$



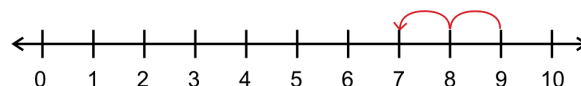
Daily practice from a young age makes visualisation of numbers up to 10 an automatic task.

– 2: Count Back Facts

Subtract 2 facts are taught using a *count back two* strategy: Students who are familiar with the sequence of counting numbers backwards can mentally “count back” two more numbers.

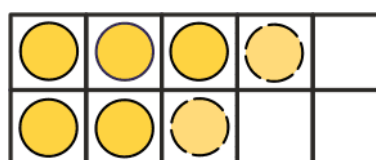
A number line will help children to visualize this operation, which “skips” one number and lands on the number two before the starting number. Also included are questions in which the difference is two. As students become familiar with counting, they will know which numbers are two away from each other, the difference being 2. These pairs will either both be odd or both be even numbers. For example:

$$9 - 2 = 7$$



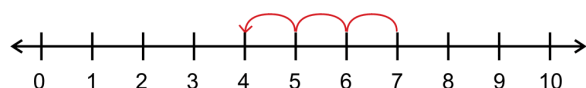
Ten frames will also help children to learn the numbers which are two apart. With frequent use of ten frames, subtracting two is an easy step: for example:

$$7 - 2 = 5$$



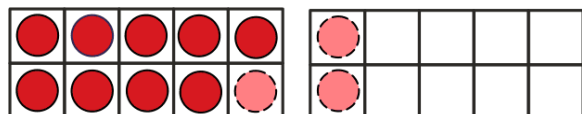
– 3: Count Back Facts

Subtract 3 facts are taught using a *count back three* strategy: Students who are familiar with the sequence of counting numbers backwards can mentally “count back” three more numbers. A number line will help children to visualize this operation which “skips” two numbers and lands on the number three before the starting number. Also included are questions in which the difference is 3. As students become familiar with counting, they will know which numbers are three away from each other, the difference being three.



With frequent use of ten frames, subtracting three is also quite simple: for example:

$$12 - 3 = 9$$



Note that counting is used only until students can recall these facts; the intention is not for counting to take the place of memorization.

Rainbow Facts

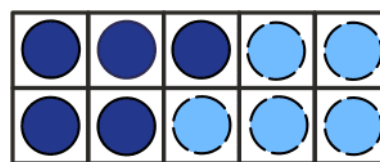
Rainbow subtraction facts are taught using a *subtract from ten* strategy: the number subtracted and the difference together equal ten.

Students can be shown a rainbow graphic to illustrate the fact that these pairs are equidistant from the number five. Rainbow

facts are foundational for many other mathematical skills, such as giving change.



Ten frames are excellent resources to support learning of rainbow facts, as the counters added clearly show the number remaining to add to ten. Students can either tell the number of blank spaces, or fill them with counters of a second color:

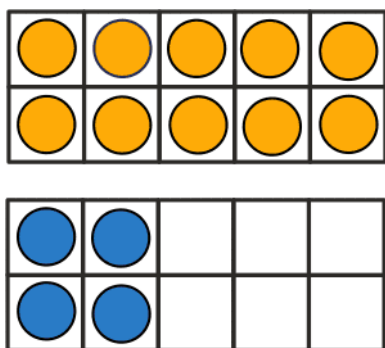


– 0 & – 10

Minus 0 and minus 10 facts are *special cases*.

The number zero is the “subtractive identity”, meaning that another number is unchanged by the action of subtracting zero. Talk to students about “removing” none from a group.

Subtracting ten from a teen number results in the associated single digit number which has the same number of ones; most pairs of a single digit number and the associated teen number sound similar (e.g., “fourteen” and “four”). This can be illustrated easily with a pair of ten frames:

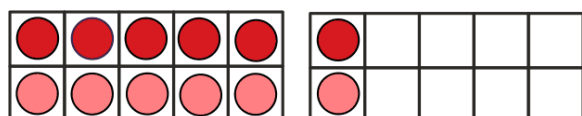


Doubles

Doubles subtraction number facts are taught using a *halving* strategy, connecting to everyday situations in which one half of a double is subtracted. For example, half a dozen eggs can be removed from a full dozen, illustrating “12 subtract half of 12”.

Ten frames will help students to visualize two halves of an even number. For example:

$$12 - 6 = 6$$



Doubles + 1

Doubles +1 subtraction number facts are taught using a *think of doubles plus one* strategy. Once double plus one addition facts are memorized, students can recall the associated numbers, and answer a subtraction fact. These are some of the most challenging subtraction facts, and for many students will require extra time to learn them.

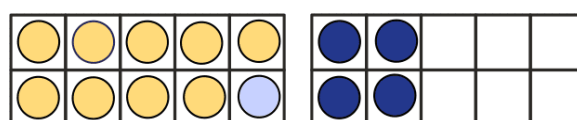
– 9

Minus nine number facts are taught using a *near ten* strategy: encourage students to think of subtracting ten, then adding one.

Ten frames illustrate this idea very effectively, and students should not have trouble understanding the idea for themselves. For example:



$$14 - 9 = 14 - 10 + 1 \\ = 5$$

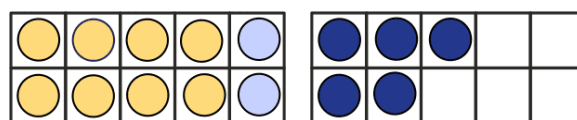


– 8

Minus eight number facts are taught using a *near ten* strategy: encourage students to think of subtracting ten, then adding two.



Ten frames illustrate this idea very effectively, and students should not have trouble understanding the idea for themselves.



Remaining facts

Once the previous recommended strategies have been learned, there are just two pairs of subtraction facts which remain:

$$11 - 4 = 7$$

$$11 - 7 = 4$$

$$12 - 5 = 7$$

$$12 - 7 = 5$$

These facts can be learned as special cases, and students can be encouraged to think of related facts that help to memorize them. For example, $11 - 4$ is just one more than the rainbow fact $10 - 4$.

The remainder of “Remaining Facts” worksheets include revision of all strategies from previous worksheet sets.

Extended Addition & Subtraction Number Facts

Teaching Strategies

Once students know all their basic addition and subtraction number facts, they are ready to learn the extended number facts.

Extended number facts are based on basic number facts, when they are applied to larger numbers.

Extended facts in this eBook include questions in which numbers made up of tens and zero ones are added or subtracted.

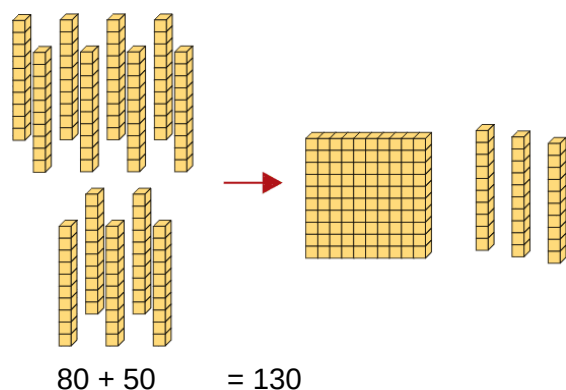
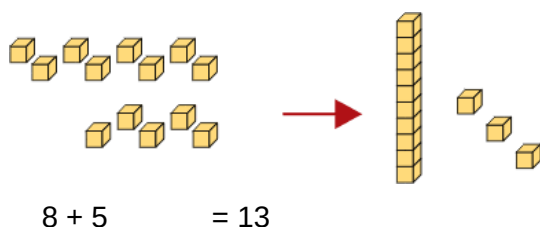
Adding Tens

Adding two numbers made up of tens is quite achievable for students who really know their basic addition facts. Base ten numbers behave in consistent ways, when numbers in a single place are manipulated.

For example, adding 3 and 4 results in a sum of 7, no matter if the amounts are made up of ones, tens, or another place:

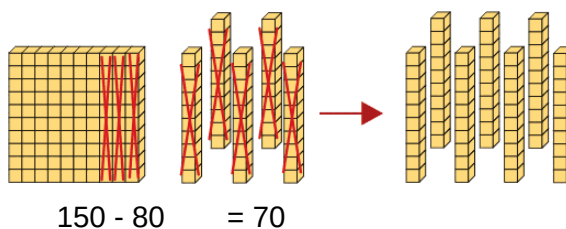
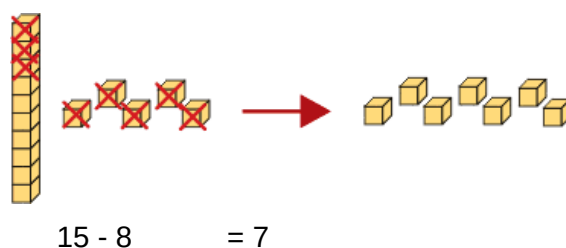
$$\begin{array}{rcl} 3 + 4 & = & 7 \\ 30 + 40 & = & 70 \end{array}$$

Students can model questions of adding tens in similar ways to adding single digits, if they substitute tens material for the numbers in place of ones material. For example:



Subtracting Tens

Similarly, subtraction of tens results in answers the same as the related basic subtraction facts, except they are in tens. For example:



Check Up Tests Markbook

There are 4 or 5 Check Up Tests in this eBook. Enter students' scores and times below to keep track of their progress.

[illegible]

[illegible]

Standard Worksheets

Standard Worksheets

Standard Worksheets are designed for use by the majority of students in a regular class.

Suggested Uses:

1. Use one worksheet per day for four days a week, followed by a Check-Up sheet on the tenth day, once per two weeks. This program will take 10 weeks in total, after which the majority of students should know the arithmetic facts they have been practising.
2. Use a Checkup sheet to discover your students' strengths and weaknesses. Use a targeted approach to customize each student's program, providing each student with a selection of Standard Worksheets which match that student's needs.

Note: **Answer keys** for all worksheets are in the Answer Keys Section of this eBook.

Time:

Score:

Count On/Back 1: 1 [A]



+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Count on 1 and extensions

- | | |
|---------------------|-----------------------|
| 1) $8 + 1 =$ _____ | 6) $20 + 10 =$ _____ |
| 2) $1 + 1 =$ _____ | 7) $60 + 10 =$ _____ |
| 3) $10 + 1 =$ _____ | 8) $70 + 10 =$ _____ |
| 4) $9 + 1 =$ _____ | 9) $30 + 10 =$ _____ |
| 5) $5 + 1 =$ _____ | 10) $40 + 10 =$ _____ |

Count back 1 and extensions

- | | |
|----------------------|------------------------|
| 21) $11 - 1 =$ _____ | 26) $60 - 10 =$ _____ |
| 22) $5 - 1 =$ _____ | 27) $100 - 10 =$ _____ |
| 23) $2 - 1 =$ _____ | 28) $30 - 10 =$ _____ |
| 24) $9 - 1 =$ _____ | 29) $40 - 10 =$ _____ |
| 25) $8 - 1 =$ _____ | 30) $70 - 10 =$ _____ |

Turn arounds and extensions

- | | |
|---------------------|------------------------|
| 11) $1 + 4 =$ _____ | 16) $10 + 100 =$ _____ |
| 12) $1 + 7 =$ _____ | 17) $10 + 20 =$ _____ |
| 13) $1 + 6 =$ _____ | 18) $10 + 80 =$ _____ |
| 14) $1 + 9 =$ _____ | 19) $10 + 30 =$ _____ |
| 15) $1 + 5 =$ _____ | 20) $10 + 10 =$ _____ |

Difference of 1, count back 1 and extensions

- | | |
|----------------------|-----------------------|
| 31) $8 - 1 =$ _____ | 36) $20 - 10 =$ _____ |
| 32) $3 - 1 =$ _____ | 37) $60 - 10 =$ _____ |
| 33) $10 - 1 =$ _____ | 38) $70 - 10 =$ _____ |
| 34) $4 - 1 =$ _____ | 39) $50 - 10 =$ _____ |
| 35) $1 - 1 =$ _____ | 40) $90 - 10 =$ _____ |

Missing number

- | | | | |
|-----------------------------------|----------------------------------|----------------------------------|-----------------------------------|
| 41) $7 + 1 =$ _____ | 51) $8 + 1 =$ _____ | 61) $1 + 9 =$ _____ | 71) $1 + 8 =$ _____ |
| 42) $9 + \underline{\quad} = 10$ | 52) $\underline{\quad} + 1 = 10$ | 62) $1 + \underline{\quad} = 5$ | 72) $1 + 10 =$ _____ |
| 43) $6 + 1 =$ _____ | 53) $3 + 1 =$ _____ | 63) $1 + 1 =$ _____ | 73) $\underline{\quad} + 2 = 3$ |
| 44) $\underline{\quad} + 1 = 7$ | 54) $\underline{\quad} + 1 = 3$ | 64) $1 + \underline{\quad} = 11$ | 74) $1 + \underline{\quad} = 7$ |
| 45) $8 + \underline{\quad} = 9$ | 55) $\underline{\quad} + 1 = 8$ | 65) $1 + \underline{\quad} = 4$ | 75) $1 + 1 =$ _____ |
| 46) $9 + \underline{\quad} = 10$ | 56) $4 + \underline{\quad} = 5$ | 66) $1 + \underline{\quad} = 7$ | 76) $\underline{\quad} + 2 = 3$ |
| 47) $\underline{\quad} + 1 = 2$ | 57) $\underline{\quad} + 1 = 5$ | 67) $1 + \underline{\quad} = 6$ | 77) $1 + \underline{\quad} = 10$ |
| 48) $\underline{\quad} + 1 = 9$ | 58) $1 + 1 =$ _____ | 68) $1 + \underline{\quad} = 7$ | 78) $\underline{\quad} + 10 = 11$ |
| 49) $10 + \underline{\quad} = 11$ | 59) $\underline{\quad} + 1 = 3$ | 69) $1 + 7 =$ _____ | 79) $1 + \underline{\quad} = 5$ |
| 50) $5 + \underline{\quad} = 6$ | 60) $6 + \underline{\quad} = 7$ | 70) $1 + \underline{\quad} = 3$ | 80) $1 + 8 =$ _____ |

+1 extensions

- | | |
|-----------------------|-----------------------|
| 81) $10 + 10 =$ _____ | 86) $40 + 10 =$ _____ |
| 82) $70 + 10 =$ _____ | 87) $50 + 10 =$ _____ |
| 83) $30 + 10 =$ _____ | 88) $20 + 10 =$ _____ |
| 84) $10 + 10 =$ _____ | 89) $80 + 10 =$ _____ |
| 85) $60 + 10 =$ _____ | 90) $90 + 10 =$ _____ |

Difference of 1, -1 extensions

- | | |
|-----------------------|------------------------|
| 91) $50 - 10 =$ _____ | 96) $60 - 10 =$ _____ |
| 92) $30 - 10 =$ _____ | 97) $100 - 90 =$ _____ |
| 93) $40 - 30 =$ _____ | 98) $10 - 10 =$ _____ |
| 94) $20 - 10 =$ _____ | 99) $80 - 70 =$ _____ |
| 95) $90 - 80 =$ _____ | 100) $70 - 60 =$ _____ |

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Time:

Score:

Count On/Back 1: 1 [B]



+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Count on 1 and extensions

- | | |
|---------------------|-----------------------|
| 1) $10 + 1 =$ _____ | 6) $50 + 10 =$ _____ |
| 2) $4 + 1 =$ _____ | 7) $70 + 10 =$ _____ |
| 3) $8 + 1 =$ _____ | 8) $60 + 10 =$ _____ |
| 4) $2 + 1 =$ _____ | 9) $30 + 10 =$ _____ |
| 5) $9 + 1 =$ _____ | 10) $10 + 10 =$ _____ |

Count back 1 and extensions

- | | |
|----------------------|-----------------------|
| 21) $8 - 1 =$ _____ | 26) $40 - 10 =$ _____ |
| 22) $10 - 1 =$ _____ | 27) $70 - 10 =$ _____ |
| 23) $11 - 1 =$ _____ | 28) $20 - 10 =$ _____ |
| 24) $5 - 1 =$ _____ | 29) $90 - 10 =$ _____ |
| 25) $3 - 1 =$ _____ | 30) $60 - 10 =$ _____ |

Turn arounds and extensions

- | | |
|---------------------|------------------------|
| 11) $1 + 7 =$ _____ | 16) $10 + 100 =$ _____ |
| 12) $1 + 6 =$ _____ | 17) $10 + 80 =$ _____ |
| 13) $1 + 5 =$ _____ | 18) $10 + 20 =$ _____ |
| 14) $1 + 3 =$ _____ | 19) $10 + 90 =$ _____ |
| 15) $1 + 4 =$ _____ | 20) $10 + 10 =$ _____ |

Difference of 1, count back 1 and extensions

- | | |
|---------------------|------------------------|
| 31) $4 - 1 =$ _____ | 36) $100 - 10 =$ _____ |
| 32) $5 - 1 =$ _____ | 37) $10 - 10 =$ _____ |
| 33) $9 - 1 =$ _____ | 38) $60 - 10 =$ _____ |
| 34) $8 - 1 =$ _____ | 39) $70 - 10 =$ _____ |
| 35) $2 - 1 =$ _____ | 40) $30 - 10 =$ _____ |

Missing number

- | | | | |
|-----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 41) $7 + 1 =$ _____ | 51) $8 + 1 =$ _____ | 61) $1 + 7 =$ _____ | 71) $1 + 1 =$ _____ |
| 42) $2 + \underline{\quad} = 3$ | 52) $\underline{\quad} + 1 = 5$ | 62) $1 + \underline{\quad} = 11$ | 72) $1 + 8 =$ _____ |
| 43) $8 + 1 =$ _____ | 53) $6 + 1 =$ _____ | 63) $1 + 2 =$ _____ | 73) $\underline{\quad} + 3 = 4$ |
| 44) $\underline{\quad} + 1 = 8$ | 54) $\underline{\quad} + 1 = 7$ | 64) $1 + \underline{\quad} = 2$ | 74) $1 + \underline{\quad} = 7$ |
| 45) $6 + \underline{\quad} = 7$ | 55) $\underline{\quad} + 1 = 2$ | 65) $1 + \underline{\quad} = 7$ | 75) $1 + 5 =$ _____ |
| 46) $3 + \underline{\quad} = 4$ | 56) $4 + \underline{\quad} = 5$ | 66) $1 + \underline{\quad} = 5$ | 76) $\underline{\quad} + 9 = 10$ |
| 47) $\underline{\quad} + 1 = 9$ | 57) $\underline{\quad} + 1 = 3$ | 67) $1 + \underline{\quad} = 10$ | 77) $1 + \underline{\quad} = 3$ |
| 48) $\underline{\quad} + 1 = 2$ | 58) $9 + 1 =$ _____ | 68) $1 + \underline{\quad} = 11$ | 78) $\underline{\quad} + 6 = 7$ |
| 49) $9 + \underline{\quad} = 10$ | 59) $\underline{\quad} + 1 = 6$ | 69) $1 + 8 =$ _____ | 79) $1 + \underline{\quad} = 11$ |
| 50) $10 + \underline{\quad} = 11$ | 60) $9 + \underline{\quad} = 10$ | 70) $1 + \underline{\quad} = 5$ | 80) $1 + 2 =$ _____ |

+1 extensions

- | | |
|-----------------------|-----------------------|
| 81) $70 + 10 =$ _____ | 86) $40 + 10 =$ _____ |
| 82) $30 + 10 =$ _____ | 87) $90 + 10 =$ _____ |
| 83) $60 + 10 =$ _____ | 88) $50 + 10 =$ _____ |
| 84) $20 + 10 =$ _____ | 89) $80 + 10 =$ _____ |
| 85) $10 + 10 =$ _____ | 90) $10 + 10 =$ _____ |

Difference of 1, -1 extensions

- | | |
|-----------------------|-------------------------|
| 91) $40 - 30 =$ _____ | 96) $50 - 10 =$ _____ |
| 92) $30 - 10 =$ _____ | 97) $80 - 70 =$ _____ |
| 93) $90 - 80 =$ _____ | 98) $20 - 10 =$ _____ |
| 94) $60 - 10 =$ _____ | 99) $70 - 60 =$ _____ |
| 95) $10 - 10 =$ _____ | 100) $100 - 90 =$ _____ |

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Time:

Score:

Count On/Back 1: 1 [C]



+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Count on 1 and extensions

- | | |
|--------------------|-----------------------|
| 1) $7 + 1 =$ _____ | 6) $100 + 10 =$ _____ |
| 2) $9 + 1 =$ _____ | 7) $60 + 10 =$ _____ |
| 3) $8 + 1 =$ _____ | 8) $50 + 10 =$ _____ |
| 4) $4 + 1 =$ _____ | 9) $10 + 10 =$ _____ |
| 5) $3 + 1 =$ _____ | 10) $20 + 10 =$ _____ |

Count back 1 and extensions

- | | |
|----------------------|------------------------|
| 21) $5 - 1 =$ _____ | 26) $100 - 10 =$ _____ |
| 22) $9 - 1 =$ _____ | 27) $20 - 10 =$ _____ |
| 23) $8 - 1 =$ _____ | 28) $40 - 10 =$ _____ |
| 24) $11 - 1 =$ _____ | 29) $30 - 10 =$ _____ |
| 25) $6 - 1 =$ _____ | 30) $70 - 10 =$ _____ |

Turn arounds and extensions

- | | |
|----------------------|-----------------------|
| 11) $1 + 5 =$ _____ | 16) $10 + 10 =$ _____ |
| 12) $1 + 2 =$ _____ | 17) $10 + 90 =$ _____ |
| 13) $1 + 8 =$ _____ | 18) $10 + 30 =$ _____ |
| 14) $1 + 7 =$ _____ | 19) $10 + 60 =$ _____ |
| 15) $1 + 10 =$ _____ | 20) $10 + 40 =$ _____ |

Difference of 1, count back 1 and extensions

- | | |
|----------------------|-----------------------|
| 31) $3 - 1 =$ _____ | 36) $20 - 10 =$ _____ |
| 32) $1 - 1 =$ _____ | 37) $70 - 10 =$ _____ |
| 33) $8 - 1 =$ _____ | 38) $50 - 10 =$ _____ |
| 34) $4 - 1 =$ _____ | 39) $90 - 10 =$ _____ |
| 35) $10 - 1 =$ _____ | 40) $60 - 10 =$ _____ |

Missing number

- | | | | |
|----------------------------------|-----------------------------------|---------------------------------|----------------------------------|
| 41) $7 + 1 =$ _____ | 51) $6 + 1 =$ _____ | 61) $1 + 8 =$ _____ | 71) $1 + 9 =$ _____ |
| 42) $7 + \underline{\quad} = 8$ | 52) $\underline{\quad} + 1 = 9$ | 62) $1 + \underline{\quad} = 7$ | 72) $1 + 1 =$ _____ |
| 43) $8 + 1 =$ _____ | 53) $6 + 1 =$ _____ | 63) $1 + 10 =$ _____ | 73) $\underline{\quad} + 4 = 5$ |
| 44) $\underline{\quad} + 1 = 5$ | 54) $\underline{\quad} + 1 = 9$ | 64) $1 + \underline{\quad} = 7$ | 74) $1 + \underline{\quad} = 3$ |
| 45) $4 + \underline{\quad} = 5$ | 55) $\underline{\quad} + 1 = 4$ | 65) $1 + \underline{\quad} = 5$ | 75) $1 + 10 =$ _____ |
| 46) $9 + \underline{\quad} = 10$ | 56) $9 + \underline{\quad} = 10$ | 66) $1 + \underline{\quad} = 6$ | 76) $\underline{\quad} + 9 = 10$ |
| 47) $\underline{\quad} + 1 = 3$ | 57) $\underline{\quad} + 1 = 2$ | 67) $1 + \underline{\quad} = 9$ | 77) $1 + \underline{\quad} = 2$ |
| 48) $\underline{\quad} + 1 = 10$ | 58) $6 + 1 =$ _____ | 68) $1 + \underline{\quad} = 3$ | 78) $\underline{\quad} + 3 = 4$ |
| 49) $1 + \underline{\quad} = 2$ | 59) $\underline{\quad} + 1 = 3$ | 69) $1 + 2 =$ _____ | 79) $1 + \underline{\quad} = 7$ |
| 50) $5 + \underline{\quad} = 6$ | 60) $10 + \underline{\quad} = 11$ | 70) $1 + \underline{\quad} = 8$ | 80) $1 + 10 =$ _____ |

+1 extensions

- | | |
|-----------------------|-----------------------|
| 81) $10 + 10 =$ _____ | 86) $70 + 10 =$ _____ |
| 82) $60 + 10 =$ _____ | 87) $80 + 10 =$ _____ |
| 83) $20 + 10 =$ _____ | 88) $30 + 10 =$ _____ |
| 84) $10 + 10 =$ _____ | 89) $50 + 10 =$ _____ |
| 85) $40 + 10 =$ _____ | 90) $90 + 10 =$ _____ |

Difference of 1, -1 extensions

- | | |
|------------------------|------------------------|
| 91) $40 - 30 =$ _____ | 96) $50 - 10 =$ _____ |
| 92) $80 - 70 =$ _____ | 97) $30 - 10 =$ _____ |
| 93) $10 - 10 =$ _____ | 98) $20 - 10 =$ _____ |
| 94) $100 - 90 =$ _____ | 99) $90 - 80 =$ _____ |
| 95) $60 - 10 =$ _____ | 100) $70 - 60 =$ _____ |

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Time:

Score:

Count On/Back 1: 1 [D]



+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Count on 1 and extensions

- | | |
|--------------------|-----------------------|
| 1) $1 + 1 =$ _____ | 6) $80 + 10 =$ _____ |
| 2) $5 + 1 =$ _____ | 7) $100 + 10 =$ _____ |
| 3) $3 + 1 =$ _____ | 8) $70 + 10 =$ _____ |
| 4) $4 + 1 =$ _____ | 9) $60 + 10 =$ _____ |
| 5) $2 + 1 =$ _____ | 10) $90 + 10 =$ _____ |

Count back 1

- | | |
|----------------------|----------------------|
| 21) $11 - 1 =$ _____ | 26) $10 - 1 =$ _____ |
| 22) $2 - 1 =$ _____ | 27) $5 - 1 =$ _____ |
| 23) $9 - 1 =$ _____ | 28) $3 - 1 =$ _____ |
| 24) $4 - 1 =$ _____ | 29) $8 - 1 =$ _____ |
| 25) $7 - 1 =$ _____ | 30) $6 - 1 =$ _____ |

Turn arounds and extensions

- | | |
|---------------------|------------------------|
| 11) $1 + 1 =$ _____ | 16) $10 + 60 =$ _____ |
| 12) $1 + 7 =$ _____ | 17) $10 + 30 =$ _____ |
| 13) $1 + 2 =$ _____ | 18) $10 + 40 =$ _____ |
| 14) $1 + 8 =$ _____ | 19) $10 + 50 =$ _____ |
| 15) $1 + 9 =$ _____ | 20) $10 + 100 =$ _____ |

Difference of 1, count back 1

- | | |
|---------------------|----------------------|
| 31) $1 - 1 =$ _____ | 36) $9 - 1 =$ _____ |
| 32) $7 - 1 =$ _____ | 37) $10 - 1 =$ _____ |
| 33) $3 - 1 =$ _____ | 38) $5 - 1 =$ _____ |
| 34) $8 - 1 =$ _____ | 39) $6 - 1 =$ _____ |
| 35) $2 - 1 =$ _____ | 40) $4 - 1 =$ _____ |

Missing number

- | | | | |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 41) $4 + 1 =$ _____ | 51) $8 + 1 =$ _____ | 61) $1 + 8 =$ _____ | 71) $1 + 1 =$ _____ |
| 42) $6 + \underline{\quad} = 7$ | 52) $\underline{\quad} + 1 = 11$ | 62) $1 + \underline{\quad} = 8$ | 72) $1 + 9 =$ _____ |
| 43) $2 + 1 =$ _____ | 53) $4 + 1 =$ _____ | 63) $1 + 6 =$ _____ | 73) $\underline{\quad} + 4 = 5$ |
| 44) $\underline{\quad} + 1 = 9$ | 54) $\underline{\quad} + 1 = 2$ | 64) $1 + \underline{\quad} = 3$ | 74) $1 + \underline{\quad} = 7$ |
| 45) $2 + \underline{\quad} = 3$ | 55) $\underline{\quad} + 1 = 6$ | 65) $1 + \underline{\quad} = 6$ | 75) $1 + 2 =$ _____ |
| 46) $6 + \underline{\quad} = 7$ | 56) $9 + \underline{\quad} = 10$ | 66) $1 + \underline{\quad} = 7$ | 76) $\underline{\quad} + 3 = 4$ |
| 47) $\underline{\quad} + 1 = 2$ | 57) $\underline{\quad} + 1 = 4$ | 67) $1 + \underline{\quad} = 10$ | 77) $1 + \underline{\quad} = 11$ |
| 48) $\underline{\quad} + 1 = 8$ | 58) $8 + 1 =$ _____ | 68) $1 + \underline{\quad} = 5$ | 78) $\underline{\quad} + 1 = 2$ |
| 49) $6 + \underline{\quad} = 7$ | 59) $\underline{\quad} + 1 = 10$ | 69) $1 + 10 =$ _____ | 79) $1 + \underline{\quad} = 9$ |
| 50) $7 + \underline{\quad} = 8$ | 60) $9 + \underline{\quad} = 10$ | 70) $1 + \underline{\quad} = 3$ | 80) $1 + 10 =$ _____ |

+1 extensions

- | | |
|-----------------------|-----------------------|
| 81) $80 + 10 =$ _____ | 86) $20 + 10 =$ _____ |
| 82) $60 + 10 =$ _____ | 87) $40 + 10 =$ _____ |
| 83) $90 + 10 =$ _____ | 88) $70 + 10 =$ _____ |
| 84) $30 + 10 =$ _____ | 89) $50 + 10 =$ _____ |
| 85) $10 + 10 =$ _____ | 90) $10 + 10 =$ _____ |

Difference of 1, -1 extensions

- | | |
|-----------------------|-------------------------|
| 91) $30 - 10 =$ _____ | 96) $40 - 30 =$ _____ |
| 92) $90 - 80 =$ _____ | 97) $80 - 70 =$ _____ |
| 93) $50 - 10 =$ _____ | 98) $60 - 10 =$ _____ |
| 94) $20 - 10 =$ _____ | 99) $10 - 10 =$ _____ |
| 95) $70 - 60 =$ _____ | 100) $100 - 90 =$ _____ |

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Time:

Score:

Count On/Back 2: 2 [A]



+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Count on 2

- | | |
|---------------------|---------------------|
| 1) $8 + 2 =$ _____ | 11) $7 + 2 =$ _____ |
| 2) $6 + 2 =$ _____ | 12) $9 + 2 =$ _____ |
| 3) $4 + 2 =$ _____ | 13) $1 + 2 =$ _____ |
| 4) $10 + 2 =$ _____ | 14) $5 + 2 =$ _____ |
| 5) $2 + 2 =$ _____ | 15) $3 + 2 =$ _____ |
| 6) $5 + 2 =$ _____ | 16) $3 + 2 =$ _____ |
| 7) $2 + 2 =$ _____ | 17) $8 + 2 =$ _____ |
| 8) $7 + 2 =$ _____ | 18) $6 + 2 =$ _____ |
| 9) $4 + 2 =$ _____ | 19) $1 + 2 =$ _____ |
| 10) $5 + 2 =$ _____ | 20) $6 + 2 =$ _____ |

Turn arounds

- | | |
|---------------------|----------------------|
| 21) $2 + 5 =$ _____ | 26) $2 + 9 =$ _____ |
| 22) $2 + 7 =$ _____ | 27) $2 + 4 =$ _____ |
| 23) $2 + 8 =$ _____ | 28) $2 + 10 =$ _____ |
| 24) $2 + 1 =$ _____ | 29) $2 + 3 =$ _____ |
| 25) $2 + 6 =$ _____ | 30) $2 + 2 =$ _____ |

Missing number

- | | | | |
|----------------------------------|---------------------------------|----------------------------------|----------------------------------|
| 61) $1 + 2 =$ _____ | 66) $\underline{\quad} + 2 = 7$ | 71) $\underline{\quad} + 8 = 10$ | 76) $1 + \underline{\quad} = 10$ |
| 62) $10 + 1 =$ _____ | 67) $4 + \underline{\quad} = 6$ | 72) $1 + 2 =$ _____ | 77) $1 + 7 =$ _____ |
| 63) $\underline{\quad} + 1 = 6$ | 68) $\underline{\quad} + 2 = 4$ | 73) $\underline{\quad} + 3 = 4$ | 78) $1 + 8 =$ _____ |
| 64) $9 + \underline{\quad} = 11$ | 69) $\underline{\quad} + 1 = 9$ | 74) $\underline{\quad} + 4 = 5$ | 79) $2 + \underline{\quad} = 12$ |
| 65) $8 + 2 =$ _____ | 70) $3 + 2 =$ _____ | 75) $2 + \underline{\quad} = 3$ | 80) $\underline{\quad} + 6 = 7$ |

+2 extensions

- | | |
|-----------------------|-----------------------|
| 81) $80 + 20 =$ _____ | 86) $90 + 20 =$ _____ |
| 82) $50 + 20 =$ _____ | 87) $10 + 20 =$ _____ |
| 83) $40 + 20 =$ _____ | 88) $90 + 20 =$ _____ |
| 84) $70 + 20 =$ _____ | 89) $10 + 20 =$ _____ |
| 85) $30 + 20 =$ _____ | 90) $60 + 20 =$ _____ |

Count back 2

- | | |
|----------------------|----------------------|
| 31) $9 - 2 =$ _____ | 36) $5 - 2 =$ _____ |
| 32) $7 - 2 =$ _____ | 37) $3 - 2 =$ _____ |
| 33) $6 - 2 =$ _____ | 38) $10 - 2 =$ _____ |
| 34) $4 - 2 =$ _____ | 39) $8 - 2 =$ _____ |
| 35) $11 - 2 =$ _____ | 40) $12 - 2 =$ _____ |

Difference of 2, count back 2

- | | |
|----------------------|---------------------|
| 41) $10 - 8 =$ _____ | 51) $9 - 7 =$ _____ |
| 42) $7 - 5 =$ _____ | 52) $3 - 1 =$ _____ |
| 43) $6 - 2 =$ _____ | 53) $4 - 2 =$ _____ |
| 44) $8 - 6 =$ _____ | 54) $5 - 2 =$ _____ |
| 45) $4 - 2 =$ _____ | 55) $7 - 5 =$ _____ |
| 46) $6 - 4 =$ _____ | 56) $7 - 2 =$ _____ |
| 47) $8 - 2 =$ _____ | 57) $5 - 3 =$ _____ |
| 48) $8 - 6 =$ _____ | 58) $3 - 2 =$ _____ |
| 49) $6 - 2 =$ _____ | 59) $3 - 1 =$ _____ |
| 50) $6 - 4 =$ _____ | 60) $9 - 2 =$ _____ |

Difference of 2, -2 extensions

- | | |
|------------------------|------------------------|
| 91) $30 - 20 =$ _____ | 96) $40 - 20 =$ _____ |
| 92) $70 - 50 =$ _____ | 97) $50 - 20 =$ _____ |
| 93) $110 - 20 =$ _____ | 98) $120 - 20 =$ _____ |
| 94) $100 - 80 =$ _____ | 99) $90 - 20 =$ _____ |
| 95) $60 - 20 =$ _____ | 100) $80 - 60 =$ _____ |

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Time:

Score:

Count On/Back 2: 2 [B]



$\bar{+}$ 1 **2** 3 Rnbw 0&10 Dble Dble+1 9 8 All

Count on 2

- | | |
|---------------------|---------------------|
| 1) $8 + 2 =$ _____ | 11) $7 + 2 =$ _____ |
| 2) $6 + 2 =$ _____ | 12) $9 + 2 =$ _____ |
| 3) $4 + 2 =$ _____ | 13) $1 + 2 =$ _____ |
| 4) $10 + 2 =$ _____ | 14) $5 + 2 =$ _____ |
| 5) $2 + 2 =$ _____ | 15) $3 + 2 =$ _____ |
| 6) $5 + 2 =$ _____ | 16) $3 + 2 =$ _____ |
| 7) $2 + 2 =$ _____ | 17) $8 + 2 =$ _____ |
| 8) $7 + 2 =$ _____ | 18) $6 + 2 =$ _____ |
| 9) $4 + 2 =$ _____ | 19) $1 + 2 =$ _____ |
| 10) $5 + 2 =$ _____ | 20) $6 + 2 =$ _____ |

Turn arounds

- | | |
|---------------------|----------------------|
| 21) $2 + 5 =$ _____ | 26) $2 + 9 =$ _____ |
| 22) $2 + 7 =$ _____ | 27) $2 + 4 =$ _____ |
| 23) $2 + 8 =$ _____ | 28) $2 + 10 =$ _____ |
| 24) $2 + 1 =$ _____ | 29) $2 + 3 =$ _____ |
| 25) $2 + 6 =$ _____ | 30) $2 + 2 =$ _____ |

Missing number

- | | | | |
|----------------------------------|---------------------------------|----------------------------------|----------------------------------|
| 61) $\underline{\quad} + 2 = 3$ | 66) $5 + \underline{\quad} = 7$ | 71) $\underline{\quad} + 8 = 10$ | 76) $1 + \underline{\quad} = 10$ |
| 62) $10 + 1 = \underline{\quad}$ | 67) $4 + 2 = \underline{\quad}$ | 72) $1 + 2 = \underline{\quad}$ | 77) $1 + 7 = \underline{\quad}$ |
| 63) $\underline{\quad} + 1 = 6$ | 68) $2 + 2 = \underline{\quad}$ | 73) $\underline{\quad} + 3 = 4$ | 78) $1 + 8 = \underline{\quad}$ |
| 64) $\underline{\quad} + 2 = 11$ | 69) $8 + \underline{\quad} = 9$ | 74) $\underline{\quad} + 4 = 5$ | 79) $2 + \underline{\quad} = 12$ |
| 65) $8 + \underline{\quad} = 10$ | 70) $\underline{\quad} + 2 = 5$ | 75) $2 + \underline{\quad} = 3$ | 80) $\underline{\quad} + 6 = 7$ |

+2 extensions

- | | |
|-----------------------|-----------------------|
| 81) $70 + 20 =$ _____ | 86) $80 + 20 =$ _____ |
| 82) $50 + 20 =$ _____ | 87) $90 + 20 =$ _____ |
| 83) $10 + 20 =$ _____ | 88) $30 + 20 =$ _____ |
| 84) $10 + 20 =$ _____ | 89) $90 + 20 =$ _____ |
| 85) $60 + 20 =$ _____ | 90) $40 + 20 =$ _____ |

Count back 2

- | | |
|----------------------|----------------------|
| 31) $9 - 2 =$ _____ | 36) $5 - 2 =$ _____ |
| 32) $7 - 2 =$ _____ | 37) $3 - 2 =$ _____ |
| 33) $6 - 2 =$ _____ | 38) $10 - 2 =$ _____ |
| 34) $4 - 2 =$ _____ | 39) $8 - 2 =$ _____ |
| 35) $11 - 2 =$ _____ | 40) $12 - 2 =$ _____ |

Difference of 2, count back 2

- | | |
|----------------------|---------------------|
| 41) $10 - 8 =$ _____ | 51) $9 - 7 =$ _____ |
| 42) $7 - 5 =$ _____ | 52) $3 - 1 =$ _____ |
| 43) $6 - 2 =$ _____ | 53) $4 - 2 =$ _____ |
| 44) $8 - 6 =$ _____ | 54) $5 - 2 =$ _____ |
| 45) $4 - 2 =$ _____ | 55) $7 - 5 =$ _____ |
| 46) $6 - 4 =$ _____ | 56) $7 - 2 =$ _____ |
| 47) $8 - 2 =$ _____ | 57) $5 - 3 =$ _____ |
| 48) $8 - 6 =$ _____ | 58) $3 - 2 =$ _____ |
| 49) $6 - 2 =$ _____ | 59) $3 - 1 =$ _____ |
| 50) $6 - 4 =$ _____ | 60) $9 - 2 =$ _____ |

Difference of 2, -2 extensions

- | | |
|------------------------|------------------------|
| 91) $30 - 20 =$ _____ | 96) $40 - 20 =$ _____ |
| 92) $70 - 50 =$ _____ | 97) $50 - 20 =$ _____ |
| 93) $110 - 20 =$ _____ | 98) $120 - 20 =$ _____ |
| 94) $100 - 80 =$ _____ | 99) $90 - 20 =$ _____ |
| 95) $60 - 20 =$ _____ | 100) $80 - 60 =$ _____ |

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Time:

Score:

Count On/Back 2: 2 [C]



$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

Count on 2 and extensions

- | | |
|---------------------|---------------------|
| 1) $3 + 2 =$ _____ | 11) $1 + 2 =$ _____ |
| 2) $9 + 2 =$ _____ | 12) $3 + 2 =$ _____ |
| 3) $2 + 2 =$ _____ | 13) $2 + 2 =$ _____ |
| 4) $8 + 2 =$ _____ | 14) $8 + 2 =$ _____ |
| 5) $7 + 2 =$ _____ | 15) $6 + 2 =$ _____ |
| 6) $10 + 2 =$ _____ | 16) $4 + 2 =$ _____ |
| 7) $1 + 2 =$ _____ | 17) $6 + 2 =$ _____ |
| 8) $5 + 2 =$ _____ | 18) $7 + 2 =$ _____ |
| 9) $5 + 2 =$ _____ | 19) $5 + 2 =$ _____ |
| 10) $4 + 2 =$ _____ | 20) $6 + 2 =$ _____ |

Turn arounds

- | | |
|---------------------|----------------------|
| 21) $2 + 3 =$ _____ | 26) $2 + 6 =$ _____ |
| 22) $2 + 8 =$ _____ | 27) $2 + 9 =$ _____ |
| 23) $2 + 4 =$ _____ | 28) $2 + 5 =$ _____ |
| 24) $2 + 2 =$ _____ | 29) $2 + 7 =$ _____ |
| 25) $2 + 1 =$ _____ | 30) $2 + 10 =$ _____ |

Missing number

- | | | | |
|----------------------------------|-----------------------------------|-----------------------------------|----------------------------------|
| 61) $\underline{\quad} + 2 = 4$ | 66) $4 + \underline{\quad} = 6$ | 71) $\underline{\quad} + 7 = 8$ | 76) $1 + \underline{\quad} = 4$ |
| 62) $5 + 1 = \underline{\quad}$ | 67) $8 + 2 = \underline{\quad}$ | 72) $1 + 4 = \underline{\quad}$ | 77) $1 + 6 = \underline{\quad}$ |
| 63) $\underline{\quad} + 1 = 9$ | 68) $5 + 2 = \underline{\quad}$ | 73) $\underline{\quad} + 1 = 3$ | 78) $2 + 8 = \underline{\quad}$ |
| 64) $\underline{\quad} + 2 = 11$ | 69) $10 + \underline{\quad} = 11$ | 74) $\underline{\quad} + 10 = 12$ | 79) $1 + \underline{\quad} = 10$ |
| 65) $3 + \underline{\quad} = 5$ | 70) $\underline{\quad} + 2 = 3$ | 75) $1 + \underline{\quad} = 9$ | 80) $\underline{\quad} + 2 = 3$ |

+2 extensions

- | | |
|-----------------------|-----------------------|
| 81) $90 + 20 =$ _____ | 86) $30 + 20 =$ _____ |
| 82) $60 + 20 =$ _____ | 87) $50 + 20 =$ _____ |
| 83) $10 + 20 =$ _____ | 88) $90 + 20 =$ _____ |
| 84) $80 + 20 =$ _____ | 89) $40 + 20 =$ _____ |
| 85) $10 + 20 =$ _____ | 90) $70 + 20 =$ _____ |

Count back 2

- | | |
|----------------------|----------------------|
| 31) $7 - 2 =$ _____ | 36) $5 - 2 =$ _____ |
| 32) $8 - 2 =$ _____ | 37) $11 - 2 =$ _____ |
| 33) $3 - 2 =$ _____ | 38) $12 - 2 =$ _____ |
| 34) $9 - 2 =$ _____ | 39) $4 - 2 =$ _____ |
| 35) $10 - 2 =$ _____ | 40) $6 - 2 =$ _____ |

Difference of 2, count back 2 and extensions

- | | |
|----------------------|-----------------------|
| 41) $8 - 6 =$ _____ | 51) $50 - 30 =$ _____ |
| 42) $9 - 2 =$ _____ | 52) $60 - 20 =$ _____ |
| 43) $8 - 2 =$ _____ | 53) $60 - 40 =$ _____ |
| 44) $7 - 5 =$ _____ | 54) $70 - 50 =$ _____ |
| 45) $8 - 6 =$ _____ | 55) $50 - 20 =$ _____ |
| 46) $3 - 1 =$ _____ | 56) $90 - 70 =$ _____ |
| 47) $10 - 8 =$ _____ | 57) $60 - 40 =$ _____ |
| 48) $4 - 2 =$ _____ | 58) $60 - 20 =$ _____ |
| 49) $7 - 2 =$ _____ | 59) $30 - 10 =$ _____ |
| 50) $4 - 2 =$ _____ | 60) $30 - 20 =$ _____ |

Difference of 2, -2 extensions

- | | |
|------------------------|------------------------|
| 91) $110 - 20 =$ _____ | 96) $30 - 20 =$ _____ |
| 92) $90 - 20 =$ _____ | 97) $50 - 20 =$ _____ |
| 93) $70 - 50 =$ _____ | 98) $120 - 20 =$ _____ |
| 94) $40 - 20 =$ _____ | 99) $100 - 80 =$ _____ |
| 95) $80 - 60 =$ _____ | 100) $60 - 20 =$ _____ |

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Time:

Score:

Count On/Back 2: 2 [D]



+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Count on 2 and extensions

- | | |
|---------------------|---------------------|
| 1) $6 + 2 =$ _____ | 11) $9 + 2 =$ _____ |
| 2) $6 + 2 =$ _____ | 12) $3 + 2 =$ _____ |
| 3) $8 + 2 =$ _____ | 13) $6 + 2 =$ _____ |
| 4) $4 + 2 =$ _____ | 14) $5 + 2 =$ _____ |
| 5) $2 + 2 =$ _____ | 15) $1 + 2 =$ _____ |
| 6) $3 + 2 =$ _____ | 16) $7 + 2 =$ _____ |
| 7) $10 + 2 =$ _____ | 17) $4 + 2 =$ _____ |
| 8) $5 + 2 =$ _____ | 18) $7 + 2 =$ _____ |
| 9) $5 + 2 =$ _____ | 19) $8 + 2 =$ _____ |
| 10) $1 + 2 =$ _____ | 20) $2 + 2 =$ _____ |

Turn arounds

- | | |
|---------------------|----------------------|
| 21) $2 + 2 =$ _____ | 26) $2 + 3 =$ _____ |
| 22) $2 + 4 =$ _____ | 27) $2 + 9 =$ _____ |
| 23) $2 + 7 =$ _____ | 28) $2 + 6 =$ _____ |
| 24) $2 + 8 =$ _____ | 29) $2 + 5 =$ _____ |
| 25) $2 + 1 =$ _____ | 30) $2 + 10 =$ _____ |

Missing number

- | | | | |
|----------------------------------|----------------------------------|-----------------------------------|----------------------------------|
| 61) $\underline{\quad} + 2 = 5$ | 66) $4 + \underline{\quad} = 6$ | 71) $\underline{\quad} + 10 = 12$ | 76) $1 + \underline{\quad} = 10$ |
| 62) $5 + 1 = \underline{\quad}$ | 67) $2 + 2 = \underline{\quad}$ | 72) $1 + 2 = \underline{\quad}$ | 77) $2 + 8 = \underline{\quad}$ |
| 63) $\underline{\quad} + 1 = 11$ | 68) $1 + 2 = \underline{\quad}$ | 73) $\underline{\quad} + 4 = 5$ | 78) $1 + 6 = \underline{\quad}$ |
| 64) $\underline{\quad} + 1 = 9$ | 69) $9 + \underline{\quad} = 11$ | 74) $\underline{\quad} + 7 = 8$ | 79) $1 + \underline{\quad} = 4$ |
| 65) $5 + \underline{\quad} = 7$ | 70) $\underline{\quad} + 2 = 10$ | 75) $2 + \underline{\quad} = 3$ | 80) $\underline{\quad} + 8 = 9$ |

+2 extensions

- | | |
|-----------------------|-----------------------|
| 81) $10 + 20 =$ _____ | 86) $70 + 20 =$ _____ |
| 82) $10 + 20 =$ _____ | 87) $60 + 20 =$ _____ |
| 83) $90 + 20 =$ _____ | 88) $50 + 20 =$ _____ |
| 84) $90 + 20 =$ _____ | 89) $80 + 20 =$ _____ |
| 85) $30 + 20 =$ _____ | 90) $40 + 20 =$ _____ |

Count back 2

- | | |
|----------------------|----------------------|
| 31) $12 - 2 =$ _____ | 36) $5 - 2 =$ _____ |
| 32) $11 - 2 =$ _____ | 37) $9 - 2 =$ _____ |
| 33) $4 - 2 =$ _____ | 38) $7 - 2 =$ _____ |
| 34) $3 - 2 =$ _____ | 39) $8 - 2 =$ _____ |
| 35) $6 - 2 =$ _____ | 40) $10 - 2 =$ _____ |

Difference of 2, count back 2 and extensions

- | | |
|---------------------|------------------------|
| 41) $4 - 2 =$ _____ | 51) $80 - 60 =$ _____ |
| 42) $5 - 3 =$ _____ | 52) $50 - 20 =$ _____ |
| 43) $6 - 4 =$ _____ | 53) $30 - 20 =$ _____ |
| 44) $7 - 2 =$ _____ | 54) $80 - 20 =$ _____ |
| 45) $6 - 4 =$ _____ | 55) $90 - 70 =$ _____ |
| 46) $3 - 1 =$ _____ | 56) $60 - 20 =$ _____ |
| 47) $6 - 2 =$ _____ | 57) $70 - 50 =$ _____ |
| 48) $9 - 2 =$ _____ | 58) $70 - 20 =$ _____ |
| 49) $3 - 1 =$ _____ | 59) $80 - 60 =$ _____ |
| 50) $4 - 2 =$ _____ | 60) $100 - 80 =$ _____ |

Difference of 2, -2 extensions

- | | |
|------------------------|-------------------------|
| 91) $100 - 80 =$ _____ | 96) $30 - 20 =$ _____ |
| 92) $120 - 20 =$ _____ | 97) $90 - 20 =$ _____ |
| 93) $70 - 50 =$ _____ | 98) $60 - 20 =$ _____ |
| 94) $50 - 20 =$ _____ | 99) $40 - 20 =$ _____ |
| 95) $80 - 60 =$ _____ | 100) $110 - 20 =$ _____ |

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Time:

Score:

Count On/Back 3: 3 [A]



+ 1 2 **3** Rnbw 0&10 Dble Dble+1 9 8 All

Count on 3

- | | |
|---------------------|----------------------|
| 1) $1 + 3 =$ _____ | 11) $2 + 3 =$ _____ |
| 2) $9 + 3 =$ _____ | 12) $6 + 3 =$ _____ |
| 3) $5 + 3 =$ _____ | 13) $10 + 3 =$ _____ |
| 4) $8 + 3 =$ _____ | 14) $7 + 3 =$ _____ |
| 5) $3 + 3 =$ _____ | 15) $4 + 3 =$ _____ |
| 6) $1 + 3 =$ _____ | 16) $8 + 3 =$ _____ |
| 7) $3 + 3 =$ _____ | 17) $7 + 3 =$ _____ |
| 8) $2 + 3 =$ _____ | 18) $8 + 3 =$ _____ |
| 9) $8 + 3 =$ _____ | 19) $10 + 3 =$ _____ |
| 10) $1 + 3 =$ _____ | 20) $1 + 3 =$ _____ |

Count back 3

- | | |
|----------------------|----------------------|
| 31) $10 - 3 =$ _____ | 36) $9 - 3 =$ _____ |
| 32) $5 - 3 =$ _____ | 37) $11 - 3 =$ _____ |
| 33) $4 - 3 =$ _____ | 38) $6 - 3 =$ _____ |
| 34) $8 - 3 =$ _____ | 39) $12 - 3 =$ _____ |
| 35) $7 - 3 =$ _____ | 40) $9 - 3 =$ _____ |

Difference of 3, count back 3

- | | |
|-----------------------|----------------------|
| 41) $10 - 7 =$ _____ | 51) $5 - 2 =$ _____ |
| 42) $13 - 10 =$ _____ | 52) $11 - 8 =$ _____ |
| 43) $7 - 4 =$ _____ | 53) $7 - 3 =$ _____ |
| 44) $8 - 5 =$ _____ | 54) $4 - 1 =$ _____ |
| 45) $12 - 3 =$ _____ | 55) $9 - 3 =$ _____ |
| 46) $12 - 9 =$ _____ | 56) $10 - 7 =$ _____ |
| 47) $10 - 7 =$ _____ | 57) $6 - 3 =$ _____ |
| 48) $6 - 3 =$ _____ | 58) $11 - 8 =$ _____ |
| 49) $10 - 3 =$ _____ | 59) $11 - 2 =$ _____ |
| 50) $9 - 6 =$ _____ | 60) $8 - 5 =$ _____ |

Turn arounds

- | | |
|---------------------|----------------------|
| 21) $3 + 5 =$ _____ | 26) $3 + 1 =$ _____ |
| 22) $3 + 4 =$ _____ | 27) $3 + 7 =$ _____ |
| 23) $3 + 8 =$ _____ | 28) $3 + 9 =$ _____ |
| 24) $3 + 3 =$ _____ | 29) $3 + 6 =$ _____ |
| 25) $3 + 2 =$ _____ | 30) $3 + 10 =$ _____ |

Missing number

- | | | | |
|----------------------------------|----------------------------------|---------------------------------|-----------------------------------|
| 61) $\underline{\quad} + 2 = 5$ | 66) $2 + \underline{\quad} = 4$ | 71) $\underline{\quad} + 4 = 6$ | 76) $2 + \underline{\quad} = 4$ |
| 62) $10 + 3 = \underline{\quad}$ | 67) $6 + 2 = \underline{\quad}$ | 72) $3 + 9 = \underline{\quad}$ | 77) $2 + 8 = \underline{\quad}$ |
| 63) $\underline{\quad} + 2 = 11$ | 68) $2 + 3 = \underline{\quad}$ | 73) $\underline{\quad} + 2 = 5$ | 78) $1 + 7 = \underline{\quad}$ |
| 64) $\underline{\quad} + 2 = 3$ | 69) $7 + \underline{\quad} = 10$ | 74) $\underline{\quad} + 3 = 6$ | 79) $1 + \underline{\quad} = 3$ |
| 65) $1 + \underline{\quad} = 4$ | 70) $\underline{\quad} + 2 = 10$ | 75) $2 + \underline{\quad} = 7$ | 80) $\underline{\quad} + 10 = 12$ |

+3 extensions

- | | |
|-----------------------|-----------------------|
| 81) $80 + 30 =$ _____ | 86) $70 + 30 =$ _____ |
| 82) $30 + 20 =$ _____ | 87) $10 + 30 =$ _____ |
| 83) $90 + 30 =$ _____ | 88) $90 + 30 =$ _____ |
| 84) $40 + 30 =$ _____ | 89) $30 + 50 =$ _____ |
| 85) $30 + 30 =$ _____ | 90) $30 + 80 =$ _____ |

Difference of 3, -3 extensions

- | | |
|------------------------|-------------------------|
| 91) $100 - 70 =$ _____ | 96) $30 - 30 =$ _____ |
| 92) $130 - 30 =$ _____ | 97) $90 - 30 =$ _____ |
| 93) $70 - 40 =$ _____ | 98) $60 - 30 =$ _____ |
| 94) $50 - 30 =$ _____ | 99) $110 - 30 =$ _____ |
| 95) $80 - 50 =$ _____ | 100) $120 - 30 =$ _____ |

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Time:

Score:

Count On/Back 3: 3 [B]



$\bar{+}$ 1 2 **3** Rnbw 0&10 Dble Dble+1 9 8 All

Count on 3

- | | |
|---------------------|----------------------|
| 1) $1 + 3 =$ _____ | 11) $3 + 3 =$ _____ |
| 2) $8 + 3 =$ _____ | 12) $8 + 3 =$ _____ |
| 3) $6 + 3 =$ _____ | 13) $10 + 3 =$ _____ |
| 4) $10 + 3 =$ _____ | 14) $8 + 3 =$ _____ |
| 5) $9 + 3 =$ _____ | 15) $2 + 3 =$ _____ |
| 6) $4 + 3 =$ _____ | 16) $5 + 3 =$ _____ |
| 7) $2 + 3 =$ _____ | 17) $1 + 3 =$ _____ |
| 8) $8 + 3 =$ _____ | 18) $3 + 3 =$ _____ |
| 9) $7 + 3 =$ _____ | 19) $7 + 3 =$ _____ |
| 10) $1 + 3 =$ _____ | 20) $1 + 3 =$ _____ |

Count back 3

- | | |
|----------------------|---------------------|
| 31) $4 - 3 =$ _____ | 36) $7 - 3 =$ _____ |
| 32) $9 - 3 =$ _____ | 37) $6 - 3 =$ _____ |
| 33) $12 - 3 =$ _____ | 38) $5 - 3 =$ _____ |
| 34) $11 - 3 =$ _____ | 39) $9 - 3 =$ _____ |
| 35) $10 - 3 =$ _____ | 40) $8 - 3 =$ _____ |

Difference of 3, count back 3

- | | |
|----------------------|-----------------------|
| 41) $11 - 8 =$ _____ | 51) $9 - 3 =$ _____ |
| 42) $7 - 3 =$ _____ | 52) $11 - 2 =$ _____ |
| 43) $12 - 3 =$ _____ | 53) $10 - 7 =$ _____ |
| 44) $10 - 7 =$ _____ | 54) $11 - 8 =$ _____ |
| 45) $10 - 3 =$ _____ | 55) $8 - 5 =$ _____ |
| 46) $12 - 9 =$ _____ | 56) $13 - 10 =$ _____ |
| 47) $6 - 3 =$ _____ | 57) $6 - 3 =$ _____ |
| 48) $8 - 5 =$ _____ | 58) $7 - 4 =$ _____ |
| 49) $9 - 6 =$ _____ | 59) $5 - 2 =$ _____ |
| 50) $4 - 1 =$ _____ | 60) $10 - 7 =$ _____ |

Turn arounds

- | | |
|----------------------|---------------------|
| 21) $3 + 8 =$ _____ | 26) $3 + 7 =$ _____ |
| 22) $3 + 2 =$ _____ | 27) $3 + 1 =$ _____ |
| 23) $3 + 10 =$ _____ | 28) $3 + 5 =$ _____ |
| 24) $3 + 6 =$ _____ | 29) $3 + 3 =$ _____ |
| 25) $3 + 4 =$ _____ | 30) $3 + 9 =$ _____ |

Missing number

- | | | | |
|-----------------------------------|---------------------------------|----------------------------------|---------------------------------|
| 61) $\underline{\quad} + 2 = 11$ | 66) $3 + \underline{\quad} = 5$ | 71) $\underline{\quad} + 4 = 6$ | 76) $1 + \underline{\quad} = 3$ |
| 62) $1 + 2 = \underline{\quad}$ | 67) $2 + 2 = \underline{\quad}$ | 72) $2 + 10 = \underline{\quad}$ | 77) $2 + 5 = \underline{\quad}$ |
| 63) $\underline{\quad} + 3 = 4$ | 68) $7 + 3 = \underline{\quad}$ | 73) $\underline{\quad} + 2 = 4$ | 78) $3 + 9 = \underline{\quad}$ |
| 64) $\underline{\quad} + 2 = 10$ | 69) $6 + \underline{\quad} = 8$ | 74) $\underline{\quad} + 8 = 10$ | 79) $3 + \underline{\quad} = 6$ |
| 65) $10 + \underline{\quad} = 13$ | 70) $\underline{\quad} + 3 = 5$ | 75) $1 + \underline{\quad} = 8$ | 80) $\underline{\quad} + 2 = 5$ |

+3 extensions

- | | |
|-----------------------|-----------------------|
| 81) $40 + 30 =$ _____ | 86) $30 + 80 =$ _____ |
| 82) $30 + 30 =$ _____ | 87) $80 + 30 =$ _____ |
| 83) $90 + 30 =$ _____ | 88) $30 + 20 =$ _____ |
| 84) $30 + 50 =$ _____ | 89) $70 + 30 =$ _____ |
| 85) $10 + 30 =$ _____ | 90) $90 + 30 =$ _____ |

Difference of 3, -3 extensions

- | | |
|------------------------|-------------------------|
| 91) $90 - 30 =$ _____ | 96) $80 - 50 =$ _____ |
| 92) $100 - 70 =$ _____ | 97) $130 - 30 =$ _____ |
| 93) $60 - 30 =$ _____ | 98) $30 - 30 =$ _____ |
| 94) $120 - 30 =$ _____ | 99) $70 - 40 =$ _____ |
| 95) $50 - 20 =$ _____ | 100) $110 - 30 =$ _____ |

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Time:

Score:

Count On/Back 3: 3 [C]



+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Count on 3

- | | |
|---------------------|----------------------|
| 1) $8 + 3 =$ _____ | 11) $10 + 3 =$ _____ |
| 2) $8 + 3 =$ _____ | 12) $5 + 3 =$ _____ |
| 3) $6 + 3 =$ _____ | 13) $7 + 3 =$ _____ |
| 4) $8 + 3 =$ _____ | 14) $1 + 3 =$ _____ |
| 5) $9 + 3 =$ _____ | 15) $1 + 3 =$ _____ |
| 6) $1 + 3 =$ _____ | 16) $3 + 3 =$ _____ |
| 7) $1 + 3 =$ _____ | 17) $8 + 3 =$ _____ |
| 8) $2 + 3 =$ _____ | 18) $3 + 3 =$ _____ |
| 9) $10 + 3 =$ _____ | 19) $7 + 3 =$ _____ |
| 10) $2 + 3 =$ _____ | 20) $4 + 3 =$ _____ |

Count back 3

- | | |
|---------------------|----------------------|
| 31) $4 - 3 =$ _____ | 36) $9 - 3 =$ _____ |
| 32) $7 - 3 =$ _____ | 37) $11 - 3 =$ _____ |
| 33) $5 - 3 =$ _____ | 38) $10 - 3 =$ _____ |
| 34) $6 - 3 =$ _____ | 39) $12 - 3 =$ _____ |
| 35) $9 - 3 =$ _____ | 40) $8 - 3 =$ _____ |

Difference of 3, count back 3

- | | |
|----------------------|-----------------------|
| 41) $11 - 8 =$ _____ | 51) $12 - 9 =$ _____ |
| 42) $8 - 5 =$ _____ | 52) $8 - 5 =$ _____ |
| 43) $10 - 7 =$ _____ | 53) $5 - 2 =$ _____ |
| 44) $11 - 8 =$ _____ | 54) $6 - 3 =$ _____ |
| 45) $10 - 3 =$ _____ | 55) $12 - 3 =$ _____ |
| 46) $9 - 3 =$ _____ | 56) $11 - 2 =$ _____ |
| 47) $7 - 4 =$ _____ | 57) $10 - 7 =$ _____ |
| 48) $9 - 6 =$ _____ | 58) $10 - 7 =$ _____ |
| 49) $6 - 3 =$ _____ | 59) $4 - 1 =$ _____ |
| 50) $7 - 3 =$ _____ | 60) $13 - 10 =$ _____ |

Turn arounds

- | | |
|---------------------|----------------------|
| 21) $3 + 8 =$ _____ | 26) $3 + 9 =$ _____ |
| 22) $3 + 1 =$ _____ | 27) $3 + 4 =$ _____ |
| 23) $3 + 7 =$ _____ | 28) $3 + 2 =$ _____ |
| 24) $3 + 5 =$ _____ | 29) $3 + 10 =$ _____ |
| 25) $3 + 3 =$ _____ | 30) $3 + 6 =$ _____ |

Missing number

- | | | | |
|----------------------------------|----------------------------------|-----------------------------------|---------------------------------|
| 61) $\underline{\quad} + 3 = 5$ | 66) $8 + \underline{\quad} = 10$ | 71) $\underline{\quad} + 8 = 10$ | 76) $3 + \underline{\quad} = 6$ |
| 62) $10 + 3 = \underline{\quad}$ | 67) $1 + 3 = \underline{\quad}$ | 72) $2 + 2 = \underline{\quad}$ | 77) $3 + 9 = \underline{\quad}$ |
| 63) $\underline{\quad} + 2 = 3$ | 68) $6 + 2 = \underline{\quad}$ | 73) $\underline{\quad} + 10 = 12$ | 78) $1 + 2 = \underline{\quad}$ |
| 64) $\underline{\quad} + 2 = 5$ | 69) $9 + \underline{\quad} = 11$ | 74) $\underline{\quad} + 2 = 5$ | 79) $2 + \underline{\quad} = 7$ |
| 65) $7 + \underline{\quad} = 10$ | 70) $\underline{\quad} + 2 = 4$ | 75) $1 + \underline{\quad} = 8$ | 80) $\underline{\quad} + 4 = 6$ |

+3 extensions

- | | |
|-----------------------|-----------------------|
| 81) $90 + 30 =$ _____ | 86) $70 + 30 =$ _____ |
| 82) $30 + 30 =$ _____ | 87) $90 + 30 =$ _____ |
| 83) $30 + 50 =$ _____ | 88) $10 + 30 =$ _____ |
| 84) $80 + 30 =$ _____ | 89) $30 + 80 =$ _____ |
| 85) $30 + 20 =$ _____ | 90) $40 + 30 =$ _____ |

Difference of 3, -3 extensions

- | | |
|------------------------|-------------------------|
| 91) $30 - 30 =$ _____ | 96) $110 - 30 =$ _____ |
| 92) $90 - 30 =$ _____ | 97) $80 - 50 =$ _____ |
| 93) $70 - 40 =$ _____ | 98) $60 - 30 =$ _____ |
| 94) $120 - 30 =$ _____ | 99) $50 - 20 =$ _____ |
| 95) $130 - 30 =$ _____ | 100) $100 - 70 =$ _____ |

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Time:

Score:

Count On/Back 3: 3 [D]



$\bar{+}$ 1 2 **3** Rnbw 0&10 Dble Dble+1 9 8 All

Count on 3

- | | |
|---------------------|----------------------|
| 1) $10 + 3 =$ _____ | 11) $8 + 3 =$ _____ |
| 2) $3 + 3 =$ _____ | 12) $8 + 3 =$ _____ |
| 3) $2 + 3 =$ _____ | 13) $10 + 3 =$ _____ |
| 4) $7 + 3 =$ _____ | 14) $3 + 3 =$ _____ |
| 5) $4 + 3 =$ _____ | 15) $8 + 3 =$ _____ |
| 6) $9 + 3 =$ _____ | 16) $2 + 3 =$ _____ |
| 7) $5 + 3 =$ _____ | 17) $1 + 3 =$ _____ |
| 8) $8 + 3 =$ _____ | 18) $7 + 3 =$ _____ |
| 9) $1 + 3 =$ _____ | 19) $1 + 3 =$ _____ |
| 10) $6 + 3 =$ _____ | 20) $1 + 3 =$ _____ |

Count back 3

- | | |
|----------------------|----------------------|
| 31) $12 - 3 =$ _____ | 36) $9 - 3 =$ _____ |
| 32) $11 - 3 =$ _____ | 37) $10 - 3 =$ _____ |
| 33) $9 - 3 =$ _____ | 38) $7 - 3 =$ _____ |
| 34) $5 - 3 =$ _____ | 39) $4 - 3 =$ _____ |
| 35) $6 - 3 =$ _____ | 40) $8 - 3 =$ _____ |

Difference of 3, count back 3

- | | |
|-----------------------|----------------------|
| 41) $4 - 1 =$ _____ | 51) $6 - 3 =$ _____ |
| 42) $7 - 3 =$ _____ | 52) $11 - 2 =$ _____ |
| 43) $13 - 10 =$ _____ | 53) $12 - 9 =$ _____ |
| 44) $9 - 3 =$ _____ | 54) $10 - 7 =$ _____ |
| 45) $5 - 2 =$ _____ | 55) $6 - 3 =$ _____ |
| 46) $11 - 8 =$ _____ | 56) $10 - 7 =$ _____ |
| 47) $11 - 8 =$ _____ | 57) $10 - 3 =$ _____ |
| 48) $10 - 7 =$ _____ | 58) $9 - 6 =$ _____ |
| 49) $8 - 5 =$ _____ | 59) $12 - 3 =$ _____ |
| 50) $7 - 4 =$ _____ | 60) $8 - 5 =$ _____ |

Turn arounds

- | | |
|----------------------|---------------------|
| 21) $3 + 6 =$ _____ | 26) $3 + 3 =$ _____ |
| 22) $3 + 10 =$ _____ | 27) $3 + 9 =$ _____ |
| 23) $3 + 7 =$ _____ | 28) $3 + 8 =$ _____ |
| 24) $3 + 1 =$ _____ | 29) $3 + 5 =$ _____ |
| 25) $3 + 4 =$ _____ | 30) $3 + 2 =$ _____ |

Missing number

- | | | | |
|----------------------------------|-----------------------------------|----------------------------------|---------------------------------|
| 61) $\underline{\quad} + 2 = 11$ | 66) $2 + \underline{\quad} = 4$ | 71) $\underline{\quad} + 7 = 8$ | 76) $2 + \underline{\quad} = 4$ |
| 62) $1 + 2 = \underline{\quad}$ | 67) $7 + 3 = \underline{\quad}$ | 72) $2 + 10 = \underline{\quad}$ | 77) $2 + 5 = \underline{\quad}$ |
| 63) $\underline{\quad} + 3 = 4$ | 68) $8 + 2 = \underline{\quad}$ | 73) $\underline{\quad} + 9 = 12$ | 78) $2 + 8 = \underline{\quad}$ |
| 64) $\underline{\quad} + 2 = 8$ | 69) $10 + \underline{\quad} = 13$ | 74) $\underline{\quad} + 3 = 6$ | 79) $1 + \underline{\quad} = 3$ |
| 65) $3 + \underline{\quad} = 5$ | 70) $\underline{\quad} + 3 = 5$ | 75) $3 + \underline{\quad} = 5$ | 80) $\underline{\quad} + 4 = 6$ |

+3 extensions

- | | |
|-----------------------|-----------------------|
| 81) $30 + 30 =$ _____ | 86) $40 + 30 =$ _____ |
| 82) $30 + 20 =$ _____ | 87) $10 + 30 =$ _____ |
| 83) $90 + 30 =$ _____ | 88) $70 + 30 =$ _____ |
| 84) $90 + 30 =$ _____ | 89) $80 + 30 =$ _____ |
| 85) $30 + 80 =$ _____ | 90) $30 + 50 =$ _____ |

Difference of 3, -3 extensions

- | | |
|------------------------|------------------------|
| 91) $110 - 30 =$ _____ | 96) $130 - 30 =$ _____ |
| 92) $120 - 30 =$ _____ | 97) $60 - 30 =$ _____ |
| 93) $80 - 50 =$ _____ | 98) $100 - 70 =$ _____ |
| 94) $90 - 30 =$ _____ | 99) $30 - 30 =$ _____ |
| 95) $70 - 40 =$ _____ | 100) $50 - 20 =$ _____ |

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Time:

Score:

Rainbow Facts: 4 [A]



+ 1 2 3 **Rnbw** 0&10 Dble Dble+1 9 8 All

Rainbow facts

- | | |
|---------------------|---------------------|
| 1) $1 + 9 =$ _____ | 6) $4 + 6 =$ _____ |
| 2) $5 + 5 =$ _____ | 7) $9 + 1 =$ _____ |
| 3) $2 + 8 =$ _____ | 8) $6 + 4 =$ _____ |
| 4) $10 + 0 =$ _____ | 9) $8 + 2 =$ _____ |
| 5) $7 + 3 =$ _____ | 10) $3 + 7 =$ _____ |

Subtraction rainbow extensions

- | | |
|------------------------|-------------------------|
| 11) $100 - 10 =$ _____ | 21) $100 - 90 =$ _____ |
| 12) $100 - 30 =$ _____ | 22) $100 - 50 =$ _____ |
| 13) $100 - 60 =$ _____ | 23) $100 - 60 =$ _____ |
| 14) $100 - 80 =$ _____ | 24) $100 - 40 =$ _____ |
| 15) $100 - 20 =$ _____ | 25) $100 - 40 =$ _____ |
| 16) $100 - 70 =$ _____ | 26) $100 - 60 =$ _____ |
| 17) $100 - 90 =$ _____ | 27) $100 - 90 =$ _____ |
| 18) $100 - 20 =$ _____ | 28) $100 - 30 =$ _____ |
| 19) $100 - 60 =$ _____ | 29) $100 - 50 =$ _____ |
| 20) $100 - 40 =$ _____ | 30) $100 - 100 =$ _____ |

Subtraction rainbow facts

- | | |
|----------------------|-----------------------|
| 31) $10 - 2 =$ _____ | 41) $10 - 4 =$ _____ |
| 32) $10 - 7 =$ _____ | 42) $10 - 5 =$ _____ |
| 33) $10 - 4 =$ _____ | 43) $10 - 8 =$ _____ |
| 34) $10 - 7 =$ _____ | 44) $10 - 8 =$ _____ |
| 35) $10 - 1 =$ _____ | 45) $10 - 6 =$ _____ |
| 36) $10 - 1 =$ _____ | 46) $10 - 3 =$ _____ |
| 37) $10 - 3 =$ _____ | 47) $10 - 10 =$ _____ |
| 38) $10 - 3 =$ _____ | 48) $10 - 5 =$ _____ |
| 39) $10 - 1 =$ _____ | 49) $10 - 7 =$ _____ |
| 40) $10 - 9 =$ _____ | 50) $10 - 2 =$ _____ |

Rainbow missing number extensions

- | | |
|----------------------|----------------------|
| 51) _____ + 80 = 100 | 56) 90 + _____ = 100 |
| 52) 100 + 0 = _____ | 57) 80 + 20 = _____ |
| 53) _____ + 90 = 100 | 58) 50 + 50 = _____ |
| 54) _____ + 70 = 100 | 59) 40 + _____ = 100 |
| 55) 70 + _____ = 100 | 60) _____ + 40 = 100 |

Rainbow missing number

- | | | | |
|---------------------|--------------------|--------------------|--------------------|
| 61) _____ + 1 = 10 | 66) 5 + _____ = 10 | 71) _____ + 3 = 10 | 76) 4 + _____ = 10 |
| 62) 4 + 6 = _____ | 67) 2 + 8 = _____ | 72) 0 + 10 = _____ | 77) 2 + 8 = _____ |
| 63) _____ + 3 = 10 | 68) 8 + 2 = _____ | 73) _____ + 7 = 10 | 78) 1 + 9 = _____ |
| 64) _____ + 4 = 10 | 69) 3 + _____ = 10 | 74) _____ + 5 = 10 | 79) 6 + _____ = 10 |
| 65) 10 + _____ = 10 | 70) _____ + 9 = 10 | 75) 2 + _____ = 10 | 80) _____ + 2 = 10 |

Revision

- | | | | |
|---------------------|----------------------|----------------------|----------------------|
| 81) $2 + 8 =$ _____ | 86) $3 + 2 =$ _____ | 91) $7 + 3 =$ _____ | 96) $10 + 1 =$ _____ |
| 82) $3 + 8 =$ _____ | 87) $1 + 1 =$ _____ | 92) $6 + 1 =$ _____ | 97) $4 + 1 =$ _____ |
| 83) $1 + 3 =$ _____ | 88) $3 + 5 =$ _____ | 93) $8 + 3 =$ _____ | 98) $4 + 2 =$ _____ |
| 84) $2 + 4 =$ _____ | 89) $1 + 9 =$ _____ | 94) $6 + 2 =$ _____ | 99) $10 + 3 =$ _____ |
| 85) $2 + 3 =$ _____ | 90) $2 + 10 =$ _____ | 95) $10 + 2 =$ _____ | 100) $9 + 2 =$ _____ |

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Time:

Score:

Rainbow Facts: 4 [B]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	------	--------	---	---	-----

Rainbow facts

- | | |
|--------------------|---------------------|
| 1) $7 + 3 =$ _____ | 6) $3 + 7 =$ _____ |
| 2) $4 + 6 =$ _____ | 7) $8 + 2 =$ _____ |
| 3) $6 + 4 =$ _____ | 8) $5 + 5 =$ _____ |
| 4) $1 + 9 =$ _____ | 9) $10 + 0 =$ _____ |
| 5) $9 + 1 =$ _____ | 10) $2 + 8 =$ _____ |

Subtraction rainbow extensions

- | | |
|-------------------------|------------------------|
| 11) $100 - 90 =$ _____ | 21) $100 - 60 =$ _____ |
| 12) $100 - 70 =$ _____ | 22) $100 - 90 =$ _____ |
| 13) $100 - 60 =$ _____ | 23) $100 - 10 =$ _____ |
| 14) $100 - 80 =$ _____ | 24) $100 - 50 =$ _____ |
| 15) $100 - 100 =$ _____ | 25) $100 - 60 =$ _____ |
| 16) $100 - 90 =$ _____ | 26) $100 - 40 =$ _____ |
| 17) $100 - 50 =$ _____ | 27) $100 - 30 =$ _____ |
| 18) $100 - 30 =$ _____ | 28) $100 - 60 =$ _____ |
| 19) $100 - 40 =$ _____ | 29) $100 - 20 =$ _____ |
| 20) $100 - 40 =$ _____ | 30) $100 - 20 =$ _____ |

Subtraction rainbow facts

- | | |
|----------------------|-----------------------|
| 31) $10 - 3 =$ _____ | 41) $10 - 3 =$ _____ |
| 32) $10 - 1 =$ _____ | 42) $10 - 5 =$ _____ |
| 33) $10 - 2 =$ _____ | 43) $10 - 7 =$ _____ |
| 34) $10 - 3 =$ _____ | 44) $10 - 9 =$ _____ |
| 35) $10 - 8 =$ _____ | 45) $10 - 10 =$ _____ |
| 36) $10 - 8 =$ _____ | 46) $10 - 4 =$ _____ |
| 37) $10 - 5 =$ _____ | 47) $10 - 1 =$ _____ |
| 38) $10 - 6 =$ _____ | 48) $10 - 1 =$ _____ |
| 39) $10 - 2 =$ _____ | 49) $10 - 4 =$ _____ |
| 40) $10 - 7 =$ _____ | 50) $10 - 7 =$ _____ |

Rainbow missing number extensions

- | | |
|------------------------|-------------------------|
| 51) _____ + 10 = 100 | 56) $10 +$ _____ = 100 |
| 52) $20 + 80 =$ _____ | 57) $80 + 20 =$ _____ |
| 53) _____ + 30 = 100 | 58) $60 + 40 =$ _____ |
| 54) _____ + 60 = 100 | 59) $100 +$ _____ = 100 |
| 55) $30 +$ _____ = 100 | 60) _____ + 50 = 100 |

Rainbow missing number

- | | | | |
|----------------------|----------------------|----------------------|----------------------|
| 61) _____ + 2 = 10 | 66) $6 +$ _____ = 10 | 71) _____ + 8 = 10 | 76) $0 +$ _____ = 10 |
| 62) $10 + 0 =$ _____ | 67) $1 + 9 =$ _____ | 72) $2 + 8 =$ _____ | 77) $4 + 6 =$ _____ |
| 63) _____ + 1 = 10 | 68) $2 + 8 =$ _____ | 73) _____ + 9 = 10 | 78) $7 + 3 =$ _____ |
| 64) _____ + 3 = 10 | 69) $3 +$ _____ = 10 | 74) _____ + 4 = 10 | 79) $3 +$ _____ = 10 |
| 65) $4 +$ _____ = 10 | 70) _____ + 5 = 10 | 75) $5 +$ _____ = 10 | 80) _____ + 2 = 10 |

Revision

- | | | | |
|----------------------|---------------------|----------------------|----------------------|
| 81) $2 + 3 =$ _____ | 86) $1 + 1 =$ _____ | 91) $8 + 3 =$ _____ | 96) $4 + 2 =$ _____ |
| 82) $2 + 10 =$ _____ | 87) $3 + 5 =$ _____ | 92) $9 + 2 =$ _____ | 97) $4 + 1 =$ _____ |
| 83) $1 + 9 =$ _____ | 88) $3 + 2 =$ _____ | 93) $7 + 3 =$ _____ | 98) $10 + 2 =$ _____ |
| 84) $1 + 3 =$ _____ | 89) $3 + 8 =$ _____ | 94) $6 + 2 =$ _____ | 99) $10 + 1 =$ _____ |
| 85) $2 + 4 =$ _____ | 90) $2 + 8 =$ _____ | 95) $10 + 3 =$ _____ | 100) $6 + 1 =$ _____ |

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Time:

Score:

Rainbow Facts: 4 [C]



$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	------	------	------	--------	---	---	-----

Rainbow facts

- | | |
|---------------------|---------------------|
| 1) $5 + 5 =$ _____ | 6) $4 + 6 =$ _____ |
| 2) $8 + 2 =$ _____ | 7) $3 + 7 =$ _____ |
| 3) $7 + 3 =$ _____ | 8) $2 + 8 =$ _____ |
| 4) $6 + 4 =$ _____ | 9) $1 + 9 =$ _____ |
| 5) $10 + 0 =$ _____ | 10) $9 + 1 =$ _____ |

Subtraction rainbow facts

- | | |
|-----------------------|----------------------|
| 31) $10 - 8 =$ _____ | 41) $10 - 3 =$ _____ |
| 32) $10 - 6 =$ _____ | 42) $10 - 2 =$ _____ |
| 33) $10 - 4 =$ _____ | 43) $10 - 9 =$ _____ |
| 34) $10 - 3 =$ _____ | 44) $10 - 7 =$ _____ |
| 35) $10 - 5 =$ _____ | 45) $10 - 7 =$ _____ |
| 36) $10 - 10 =$ _____ | 46) $10 - 5 =$ _____ |
| 37) $10 - 4 =$ _____ | 47) $10 - 1 =$ _____ |
| 38) $10 - 2 =$ _____ | 48) $10 - 1 =$ _____ |
| 39) $10 - 8 =$ _____ | 49) $10 - 7 =$ _____ |
| 40) $10 - 1 =$ _____ | 50) $10 - 3 =$ _____ |

Subtraction rainbow extensions

- | | |
|-------------------------|------------------------|
| 11) $100 - 10 =$ _____ | 21) $100 - 30 =$ _____ |
| 12) $100 - 70 =$ _____ | 22) $100 - 50 =$ _____ |
| 13) $100 - 90 =$ _____ | 23) $100 - 60 =$ _____ |
| 14) $100 - 60 =$ _____ | 24) $100 - 60 =$ _____ |
| 15) $100 - 20 =$ _____ | 25) $100 - 30 =$ _____ |
| 16) $100 - 100 =$ _____ | 26) $100 - 90 =$ _____ |
| 17) $100 - 40 =$ _____ | 27) $100 - 90 =$ _____ |
| 18) $100 - 50 =$ _____ | 28) $100 - 60 =$ _____ |
| 19) $100 - 40 =$ _____ | 29) $100 - 20 =$ _____ |
| 20) $100 - 40 =$ _____ | 30) $100 - 80 =$ _____ |

Rainbow missing number extensions

- | | |
|------------------------|------------------------|
| 51) _____ + 10 = 100 | 56) $10 +$ _____ = 100 |
| 52) $100 + 0 =$ _____ | 57) $30 + 70 =$ _____ |
| 53) _____ + 30 = 100 | 58) $50 + 50 =$ _____ |
| 54) _____ + 40 = 100 | 59) $40 +$ _____ = 100 |
| 55) $80 +$ _____ = 100 | 60) _____ + 80 = 100 |

Rainbow missing number

- | | | | |
|----------------------|----------------------|----------------------|----------------------|
| 61) _____ + 7 = 10 | 66) $4 +$ _____ = 10 | 71) _____ + 6 = 10 | 76) $3 +$ _____ = 10 |
| 62) $1 + 9 =$ _____ | 67) $6 + 4 =$ _____ | 72) $1 + 9 =$ _____ | 77) $5 + 5 =$ _____ |
| 63) _____ + 1 = 10 | 68) $10 + 0 =$ _____ | 73) _____ + 4 = 10 | 78) $7 + 3 =$ _____ |
| 64) _____ + 5 = 10 | 69) $2 +$ _____ = 10 | 74) _____ + 10 = 10 | 79) $2 +$ _____ = 10 |
| 65) $8 +$ _____ = 10 | 70) _____ + 3 = 10 | 75) $2 +$ _____ = 10 | 80) _____ + 2 = 10 |

Revision

- | | | | |
|----------------------|---------------------|----------------------|-----------------------|
| 81) $2 + 8 =$ _____ | 86) $3 + 2 =$ _____ | 91) $6 + 1 =$ _____ | 96) $9 + 2 =$ _____ |
| 82) $3 + 8 =$ _____ | 87) $3 + 5 =$ _____ | 92) $4 + 1 =$ _____ | 97) $7 + 3 =$ _____ |
| 83) $2 + 3 =$ _____ | 88) $1 + 9 =$ _____ | 93) $10 + 3 =$ _____ | 98) $4 + 2 =$ _____ |
| 84) $2 + 4 =$ _____ | 89) $1 + 1 =$ _____ | 94) $6 + 2 =$ _____ | 99) $10 + 1 =$ _____ |
| 85) $2 + 10 =$ _____ | 90) $1 + 3 =$ _____ | 95) $8 + 3 =$ _____ | 100) $10 + 2 =$ _____ |

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Time:

Score:

Rainbow Facts: 4 [D]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	------	--------	---	---	-----

Rainbow facts

- | | |
|--------------------|---------------------|
| 1) $2 + 8 =$ _____ | 6) $8 + 2 =$ _____ |
| 2) $3 + 7 =$ _____ | 7) $9 + 1 =$ _____ |
| 3) $6 + 4 =$ _____ | 8) $5 + 5 =$ _____ |
| 4) $4 + 6 =$ _____ | 9) $10 + 0 =$ _____ |
| 5) $7 + 3 =$ _____ | 10) $1 + 9 =$ _____ |

Subtraction rainbow facts

- | | |
|----------------------|-----------------------|
| 31) $10 - 2 =$ _____ | 41) $10 - 3 =$ _____ |
| 32) $10 - 5 =$ _____ | 42) $10 - 6 =$ _____ |
| 33) $10 - 1 =$ _____ | 43) $10 - 10 =$ _____ |
| 34) $10 - 8 =$ _____ | 44) $10 - 4 =$ _____ |
| 35) $10 - 5 =$ _____ | 45) $10 - 2 =$ _____ |
| 36) $10 - 8 =$ _____ | 46) $10 - 1 =$ _____ |
| 37) $10 - 4 =$ _____ | 47) $10 - 1 =$ _____ |
| 38) $10 - 3 =$ _____ | 48) $10 - 3 =$ _____ |
| 39) $10 - 7 =$ _____ | 49) $10 - 9 =$ _____ |
| 40) $10 - 7 =$ _____ | 50) $10 - 7 =$ _____ |

Subtraction rainbow extensions

- | | |
|------------------------|-------------------------|
| 11) $100 - 80 =$ _____ | 21) $100 - 50 =$ _____ |
| 12) $100 - 90 =$ _____ | 22) $100 - 60 =$ _____ |
| 13) $100 - 20 =$ _____ | 23) $100 - 90 =$ _____ |
| 14) $100 - 60 =$ _____ | 24) $100 - 100 =$ _____ |
| 15) $100 - 10 =$ _____ | 25) $100 - 50 =$ _____ |
| 16) $100 - 60 =$ _____ | 26) $100 - 30 =$ _____ |
| 17) $100 - 70 =$ _____ | 27) $100 - 40 =$ _____ |
| 18) $100 - 40 =$ _____ | 28) $100 - 20 =$ _____ |
| 19) $100 - 90 =$ _____ | 29) $100 - 30 =$ _____ |
| 20) $100 - 40 =$ _____ | 30) $100 - 60 =$ _____ |

Rainbow missing number extensions

- | | |
|----------------------|----------------------|
| 51) _____ + 40 = 100 | 56) 40 + _____ = 100 |
| 52) 100 + 0 = _____ | 57) 70 + 30 = _____ |
| 53) _____ + 10 = 100 | 58) 50 + 50 = _____ |
| 54) _____ + 20 = 100 | 59) 30 + _____ = 100 |
| 55) 20 + _____ = 100 | 60) _____ + 90 = 100 |

Rainbow missing number

- | | | | |
|--------------------|--------------------|--------------------|--------------------|
| 61) _____ + 5 = 10 | 66) 1 + _____ = 10 | 71) _____ + 9 = 10 | 76) 7 + _____ = 10 |
| 62) 4 + 6 = _____ | 67) 6 + 4 = _____ | 72) 2 + 8 = _____ | 77) 0 + 10 = _____ |
| 63) _____ + 3 = 10 | 68) 3 + 7 = _____ | 73) _____ + 4 = 10 | 78) 2 + 8 = _____ |
| 64) _____ + 2 = 10 | 69) 2 + _____ = 10 | 74) _____ + 6 = 10 | 79) 3 + _____ = 10 |
| 65) 9 + _____ = 10 | 70) _____ + 0 = 10 | 75) 5 + _____ = 10 | 80) _____ + 2 = 10 |

Revision

- | | | | |
|----------------------|---------------------|----------------------|----------------------|
| 81) $1 + 1 =$ _____ | 86) $2 + 3 =$ _____ | 91) $9 + 2 =$ _____ | 96) $4 + 2 =$ _____ |
| 82) $2 + 8 =$ _____ | 87) $2 + 4 =$ _____ | 92) $8 + 3 =$ _____ | 97) $10 + 1 =$ _____ |
| 83) $3 + 5 =$ _____ | 88) $1 + 9 =$ _____ | 93) $6 + 2 =$ _____ | 98) $10 + 2 =$ _____ |
| 84) $2 + 10 =$ _____ | 89) $1 + 3 =$ _____ | 94) $7 + 3 =$ _____ | 99) $4 + 1 =$ _____ |
| 85) $3 + 2 =$ _____ | 90) $3 + 8 =$ _____ | 95) $10 + 3 =$ _____ | 100) $6 + 1 =$ _____ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Rainbow facts are taught using a PAIRS TO TEN strategy: The sum of each pair of terms is 10. Pairs to ten are foundational for many other mathematical skills, such as giving change.

Time:

Score:

+/- 0 & 10: 5 [A]



+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Add 0 & 10

- | | |
|---------------------|---------------------|
| 1) $8 + 10 =$ _____ | 6) $6 + 10 =$ _____ |
| 2) $7 + 0 =$ _____ | 7) $7 + 10 =$ _____ |
| 3) $8 + 0 =$ _____ | 8) $3 + 0 =$ _____ |
| 4) $10 + 0 =$ _____ | 9) $3 + 10 =$ _____ |
| 5) $9 + 10 =$ _____ | 10) $9 + 0 =$ _____ |

Take 0

- | | |
|---------------------|---------------------|
| 31) $4 - 0 =$ _____ | 36) $8 - 0 =$ _____ |
| 32) $2 - 0 =$ _____ | 37) $9 - 0 =$ _____ |
| 33) $3 - 0 =$ _____ | 38) $7 - 0 =$ _____ |
| 34) $6 - 0 =$ _____ | 39) $5 - 0 =$ _____ |
| 35) $1 - 0 =$ _____ | 40) $0 - 0 =$ _____ |

Turn arounds and extensions

- | | |
|------------------------|------------------------|
| 11) $100 + 5 =$ _____ | 21) $10 + 1 =$ _____ |
| 12) $100 + 70 =$ _____ | 22) $0 + 9 =$ _____ |
| 13) $10 + 20 =$ _____ | 23) $100 + 30 =$ _____ |
| 14) $10 + 6 =$ _____ | 24) $10 + 0 =$ _____ |
| 15) $100 + 80 =$ _____ | 25) $10 + 5 =$ _____ |
| 16) $0 + 20 =$ _____ | 26) $10 + 8 =$ _____ |
| 17) $10 + 4 =$ _____ | 27) $0 + 7 =$ _____ |
| 18) $10 + 9 =$ _____ | 28) $0 + 60 =$ _____ |
| 19) $100 + 10 =$ _____ | 29) $0 + 40 =$ _____ |
| 20) $0 + 30 =$ _____ | 30) $0 + 0 =$ _____ |

Take 10 and 100

- | | |
|-------------------------|-------------------------|
| 41) $110 - 100 =$ _____ | 46) $130 - 100 =$ _____ |
| 42) $160 - 100 =$ _____ | 47) $150 - 100 =$ _____ |
| 43) $12 - 10 =$ _____ | 48) $140 - 100 =$ _____ |
| 44) $19 - 10 =$ _____ | 49) $17 - 10 =$ _____ |
| 45) $18 - 10 =$ _____ | 50) $10 - 10 =$ _____ |

Difference of 0, 10 and 100

- | | |
|------------------------|------------------------|
| 51) $17 - 7 =$ _____ | 56) $2 - 2 =$ _____ |
| 52) $13 - 3 =$ _____ | 57) $1 - 1 =$ _____ |
| 53) $40 - 40 =$ _____ | 58) $120 - 20 =$ _____ |
| 54) $18 - 8 =$ _____ | 59) $190 - 90 =$ _____ |
| 55) $160 - 60 =$ _____ | 60) $50 - 50 =$ _____ |

Rainbow missing number

- | | | | |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 61) $\underline{\quad} + 3 = 10$ | 66) $8 + \underline{\quad} = 10$ | 71) $\underline{\quad} + 6 = 10$ | 76) $0 + \underline{\quad} = 10$ |
| 62) $2 + 8 = \underline{\quad}$ | 67) $10 + 0 = \underline{\quad}$ | 72) $3 + 7 = \underline{\quad}$ | 77) $2 + 8 = \underline{\quad}$ |
| 63) $\underline{\quad} + 9 = 10$ | 68) $6 + 4 = \underline{\quad}$ | 73) $\underline{\quad} + 2 = 10$ | 78) $1 + 9 = \underline{\quad}$ |
| 64) $\underline{\quad} + 7 = 10$ | 69) $4 + \underline{\quad} = 10$ | 74) $\underline{\quad} + 8 = 10$ | 79) $7 + \underline{\quad} = 10$ |
| 65) $9 + \underline{\quad} = 10$ | 70) $\underline{\quad} + 5 = 10$ | 75) $6 + \underline{\quad} = 10$ | 80) $\underline{\quad} + 5 = 10$ |

Addition revision

- | | |
|-----------------------|----------------------|
| 81) $10 + 10 =$ _____ | 86) $1 + 1 =$ _____ |
| 82) $10 + 1 =$ _____ | 87) $2 + 0 =$ _____ |
| 83) $3 + 6 =$ _____ | 88) $3 + 10 =$ _____ |
| 84) $2 + 2 =$ _____ | 89) $10 + 3 =$ _____ |
| 85) $10 + 2 =$ _____ | 90) $2 + 1 =$ _____ |

Subtraction revision

- | | |
|----------------------|-----------------------|
| 91) $10 - 0 =$ _____ | 93) $4 - 3 =$ _____ |
| 92) $3 - 2 =$ _____ | 94) $10 - 10 =$ _____ |
| 95) $6 - 4 =$ _____ | 98) $11 - 8 =$ _____ |
| 96) $12 - 9 =$ _____ | 99) $10 - 7 =$ _____ |
| 97) $7 - 4 =$ _____ | 100) $9 - 7 =$ _____ |

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Time:

Score:

+/- 0 & 10: 5 [B]



$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

Add 0 & 10

- | | |
|---------------------|----------------------|
| 1) $10 + 0 =$ _____ | 6) $9 + 0 =$ _____ |
| 2) $9 + 10 =$ _____ | 7) $6 + 10 =$ _____ |
| 3) $8 + 10 =$ _____ | 8) $3 + 10 =$ _____ |
| 4) $7 + 0 =$ _____ | 9) $3 + 0 =$ _____ |
| 5) $8 + 0 =$ _____ | 10) $7 + 10 =$ _____ |

Take 0

- | | |
|---------------------|---------------------|
| 31) $2 - 0 =$ _____ | 36) $9 - 0 =$ _____ |
| 32) $3 - 0 =$ _____ | 37) $7 - 0 =$ _____ |
| 33) $6 - 0 =$ _____ | 38) $4 - 0 =$ _____ |
| 34) $0 - 0 =$ _____ | 39) $1 - 0 =$ _____ |
| 35) $8 - 0 =$ _____ | 40) $5 - 0 =$ _____ |

Turn arounds and extensions

- | | |
|----------------------|------------------------|
| 11) $10 + 1 =$ _____ | 21) $0 + 60 =$ _____ |
| 12) $0 + 0 =$ _____ | 22) $0 + 30 =$ _____ |
| 13) $10 + 0 =$ _____ | 23) $100 + 80 =$ _____ |
| 14) $0 + 9 =$ _____ | 24) $100 + 10 =$ _____ |
| 15) $0 + 7 =$ _____ | 25) $100 + 70 =$ _____ |
| 16) $10 + 5 =$ _____ | 26) $100 + 30 =$ _____ |
| 17) $10 + 8 =$ _____ | 27) $100 + 5 =$ _____ |
| 18) $10 + 4 =$ _____ | 28) $0 + 20 =$ _____ |
| 19) $10 + 6 =$ _____ | 29) $0 + 40 =$ _____ |
| 20) $10 + 9 =$ _____ | 30) $10 + 20 =$ _____ |

Take 10 and 100

- | | |
|-----------------------|-------------------------|
| 41) $17 - 10 =$ _____ | 46) $160 - 100 =$ _____ |
| 42) $10 - 10 =$ _____ | 47) $140 - 100 =$ _____ |
| 43) $12 - 10 =$ _____ | 48) $110 - 100 =$ _____ |
| 44) $18 - 10 =$ _____ | 49) $130 - 100 =$ _____ |
| 45) $19 - 10 =$ _____ | 50) $150 - 100 =$ _____ |

Difference of 0, 10 and 100

- | | |
|----------------------|------------------------|
| 51) $1 - 1 =$ _____ | 56) $50 - 50 =$ _____ |
| 52) $2 - 2 =$ _____ | 57) $40 - 40 =$ _____ |
| 53) $13 - 3 =$ _____ | 58) $160 - 60 =$ _____ |
| 54) $18 - 8 =$ _____ | 59) $190 - 90 =$ _____ |
| 55) $17 - 7 =$ _____ | 60) $120 - 20 =$ _____ |

Rainbow missing number

- | | | | |
|----------------------------------|----------------------------------|-----------------------------------|----------------------------------|
| 61) $\underline{\quad} + 2 = 10$ | 66) $1 + \underline{\quad} = 10$ | 71) $\underline{\quad} + 10 = 10$ | 76) $1 + \underline{\quad} = 10$ |
| 62) $7 + 3 = \underline{\quad}$ | 67) $2 + 8 = \underline{\quad}$ | 72) $6 + 4 = \underline{\quad}$ | 77) $2 + 8 = \underline{\quad}$ |
| 63) $\underline{\quad} + 1 = 10$ | 68) $4 + 6 = \underline{\quad}$ | 73) $\underline{\quad} + 6 = 10$ | 78) $3 + 7 = \underline{\quad}$ |
| 64) $\underline{\quad} + 0 = 10$ | 69) $5 + \underline{\quad} = 10$ | 74) $\underline{\quad} + 8 = 10$ | 79) $5 + \underline{\quad} = 10$ |
| 65) $6 + \underline{\quad} = 10$ | 70) $\underline{\quad} + 7 = 10$ | 75) $7 + \underline{\quad} = 10$ | 80) $\underline{\quad} + 2 = 10$ |

Addition revision

- | | |
|-----------------------|----------------------|
| 81) $10 + 3 =$ _____ | 86) $3 + 6 =$ _____ |
| 82) $10 + 10 =$ _____ | 87) $10 + 1 =$ _____ |
| 83) $3 + 10 =$ _____ | 88) $1 + 1 =$ _____ |
| 84) $2 + 2 =$ _____ | 89) $2 + 0 =$ _____ |
| 85) $2 + 1 =$ _____ | 90) $10 + 2 =$ _____ |

Subtraction revision

- | | |
|-----------------------|-----------------------|
| 91) $4 - 3 =$ _____ | 93) $10 - 0 =$ _____ |
| 92) $10 - 10 =$ _____ | 94) $3 - 2 =$ _____ |
| 95) $9 - 7 =$ _____ | 98) $12 - 9 =$ _____ |
| 96) $11 - 8 =$ _____ | 99) $7 - 4 =$ _____ |
| 97) $6 - 4 =$ _____ | 100) $10 - 7 =$ _____ |

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Time:

Score:

+/- 0 & 10: 5 [C]



$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	------	------	------	--------	---	---	-----

Add 0 & 10

- | | |
|---------------------|----------------------|
| 1) $6 + 0 =$ _____ | 6) $5 + 0 =$ _____ |
| 2) $7 + 0 =$ _____ | 7) $1 + 0 =$ _____ |
| 3) $9 + 10 =$ _____ | 8) $10 + 10 =$ _____ |
| 4) $7 + 10 =$ _____ | 9) $1 + 10 =$ _____ |
| 5) $2 + 10 =$ _____ | 10) $4 + 0 =$ _____ |

Take 0

- | | |
|---------------------|---------------------|
| 31) $2 - 0 =$ _____ | 36) $5 - 0 =$ _____ |
| 32) $7 - 0 =$ _____ | 37) $3 - 0 =$ _____ |
| 33) $4 - 0 =$ _____ | 38) $0 - 0 =$ _____ |
| 34) $8 - 0 =$ _____ | 39) $6 - 0 =$ _____ |
| 35) $9 - 0 =$ _____ | 40) $1 - 0 =$ _____ |

Turn arounds and extensions

- | | |
|----------------------|------------------------|
| 11) $10 + 6 =$ _____ | 21) $100 + 50 =$ _____ |
| 12) $10 + 9 =$ _____ | 22) $100 + 40 =$ _____ |
| 13) $0 + 4 =$ _____ | 23) $100 + 10 =$ _____ |
| 14) $0 + 7 =$ _____ | 24) $100 + 0 =$ _____ |
| 15) $0 + 6 =$ _____ | 25) $100 + 80 =$ _____ |
| 16) $0 + 2 =$ _____ | 26) $0 + 80 =$ _____ |
| 17) $0 + 3 =$ _____ | 27) $10 + 10 =$ _____ |
| 18) $0 + 5 =$ _____ | 28) $0 + 10 =$ _____ |
| 19) $10 + 3 =$ _____ | 29) $0 + 9 =$ _____ |
| 20) $10 + 7 =$ _____ | 30) $10 + 2 =$ _____ |

Take 10 and 100

- | | |
|-----------------------|-------------------------|
| 41) $17 - 10 =$ _____ | 46) $160 - 100 =$ _____ |
| 42) $18 - 10 =$ _____ | 47) $150 - 100 =$ _____ |
| 43) $13 - 10 =$ _____ | 48) $140 - 100 =$ _____ |
| 44) $12 - 10 =$ _____ | 49) $100 - 100 =$ _____ |
| 45) $11 - 10 =$ _____ | 50) $190 - 100 =$ _____ |

Difference of 0, 10 and 100

- | | |
|-----------------------|------------------------|
| 51) $9 - 9 =$ _____ | 56) $20 - 20 =$ _____ |
| 52) $10 - 10 =$ _____ | 57) $180 - 80 =$ _____ |
| 53) $6 - 6 =$ _____ | 58) $150 - 50 =$ _____ |
| 54) $3 - 3 =$ _____ | 59) $70 - 70 =$ _____ |
| 55) $4 - 4 =$ _____ | 60) $120 - 20 =$ _____ |

Rainbow missing number

- | | | | |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 61) $4 + \underline{\quad} = 6$ | 66) $\underline{\quad} + 1 = 11$ | 71) $2 + \underline{\quad} = 7$ | 76) $\underline{\quad} + 8 = 10$ |
| 62) $8 + 2 = \underline{\quad}$ | 67) $\underline{\quad} + 2 = 8$ | 72) $2 + 6 = \underline{\quad}$ | 77) $\underline{\quad} + 7 = 9$ |
| 63) $\underline{\quad} + 1 = 8$ | 68) $\underline{\quad} + 2 = 5$ | 73) $\underline{\quad} + 6 = 7$ | 78) $\underline{\quad} + 1 = 3$ |
| 64) $7 + \underline{\quad} = 9$ | 69) $9 + 3 = \underline{\quad}$ | 74) $3 + \underline{\quad} = 10$ | 79) $2 + 2 = \underline{\quad}$ |
| 65) $8 + 1 = \underline{\quad}$ | 70) $4 + 3 = \underline{\quad}$ | 75) $2 + 9 = \underline{\quad}$ | 80) $1 + 2 = \underline{\quad}$ |

Addition revision

- | | |
|----------------------|----------------------|
| 81) $1 + 10 =$ _____ | 86) $10 + 5 =$ _____ |
| 82) $3 + 2 =$ _____ | 87) $0 + 1 =$ _____ |
| 83) $10 + 1 =$ _____ | 88) $10 + 2 =$ _____ |
| 84) $10 + 4 =$ _____ | 89) $10 + 0 =$ _____ |
| 85) $2 + 8 =$ _____ | 90) $0 + 5 =$ _____ |

Subtraction revision

- | | |
|----------------------|-----------------------|
| 91) $3 - 0 =$ _____ | 93) $10 - 1 =$ _____ |
| 92) $9 - 3 =$ _____ | 94) $11 - 10 =$ _____ |
| 95) $13 - 1 =$ _____ | 98) $6 - 2 =$ _____ |
| 96) $7 - 2 =$ _____ | 99) $12 - 9 =$ _____ |
| 97) $5 - 3 =$ _____ | 100) $10 - 9 =$ _____ |

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Time:

Score:

+/- 0 & 10: 5 [D]



$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	------	------	------	--------	---	---	-----

Add 0 & 10

- | | |
|---------------------|----------------------|
| 1) $7 + 0 =$ _____ | 6) $10 + 0 =$ _____ |
| 2) $5 + 10 =$ _____ | 7) $8 + 0 =$ _____ |
| 3) $2 + 10 =$ _____ | 8) $9 + 0 =$ _____ |
| 4) $5 + 0 =$ _____ | 9) $4 + 0 =$ _____ |
| 5) $6 + 10 =$ _____ | 10) $3 + 10 =$ _____ |

Take 0

- | | |
|---------------------|----------------------|
| 31) $4 - 0 =$ _____ | 36) $3 - 0 =$ _____ |
| 32) $1 - 0 =$ _____ | 37) $2 - 0 =$ _____ |
| 33) $8 - 0 =$ _____ | 38) $0 - 0 =$ _____ |
| 34) $6 - 0 =$ _____ | 39) $10 - 0 =$ _____ |
| 35) $9 - 0 =$ _____ | 40) $7 - 0 =$ _____ |

Turn arounds and extensions

- | | |
|----------------------|-------------------------|
| 11) $0 + 6 =$ _____ | 21) $100 + 100 =$ _____ |
| 12) $10 + 9 =$ _____ | 22) $100 + 80 =$ _____ |
| 13) $0 + 0 =$ _____ | 23) $100 + 50 =$ _____ |
| 14) $10 + 3 =$ _____ | 24) $0 + 50 =$ _____ |
| 15) $0 + 3 =$ _____ | 25) $100 + 20 =$ _____ |
| 16) $10 + 4 =$ _____ | 26) $50 + 0 =$ _____ |
| 17) $10 + 6 =$ _____ | 27) $100 + 10 =$ _____ |
| 18) $0 + 4 =$ _____ | 28) $0 + 70 =$ _____ |
| 19) $0 + 7 =$ _____ | 29) $10 + 70 =$ _____ |
| 20) $10 + 0 =$ _____ | 30) $0 + 20 =$ _____ |

Take 10 and 100

- | | |
|-----------------------|-------------------------|
| 41) $15 - 10 =$ _____ | 46) $120 - 100 =$ _____ |
| 42) $11 - 10 =$ _____ | 47) $170 - 100 =$ _____ |
| 43) $13 - 10 =$ _____ | 48) $140 - 100 =$ _____ |
| 44) $10 - 10 =$ _____ | 49) $180 - 100 =$ _____ |
| 45) $16 - 10 =$ _____ | 50) $190 - 100 =$ _____ |

Difference of 0, 10 and 100

- | | |
|-----------------------|------------------------|
| 51) $9 - 9 =$ _____ | 56) $30 - 30 =$ _____ |
| 52) $10 - 10 =$ _____ | 57) $140 - 40 =$ _____ |
| 53) $6 - 6 =$ _____ | 58) $150 - 50 =$ _____ |
| 54) $3 - 3 =$ _____ | 59) $70 - 70 =$ _____ |
| 55) $4 - 4 =$ _____ | 60) $120 - 20 =$ _____ |

Rainbow missing number

- | | | | |
|--------------------|--------------------|--------------------|-------------------|
| 61) _____ + 2 = 4 | 66) _____ + 2 = 7 | 71) 2 + _____ = 11 | 76) _____ + 7 = 8 |
| 62) 5 + _____ = 8 | 67) 1 + 2 = _____ | 72) _____ + 3 = 5 | 77) 2 + 6 = _____ |
| 63) _____ + 1 = 2 | 68) 4 + _____ = 7 | 73) _____ + 8 = 11 | 78) 1 + 5 = _____ |
| 64) 7 + 2 = _____ | 69) _____ + 3 = 10 | 74) _____ + 4 = 5 | 79) 2 + _____ = 3 |
| 65) 9 + _____ = 11 | 70) 8 + 2 = _____ | 75) 2 + 5 = _____ | 80) 1 + 3 = _____ |

Addition revision

- | | |
|-----------------------|----------------------|
| 81) $10 + 0 =$ _____ | 86) $3 + 2 =$ _____ |
| 82) $10 + 2 =$ _____ | 87) $10 + 7 =$ _____ |
| 83) $0 + 6 =$ _____ | 88) $10 + 9 =$ _____ |
| 84) $10 + 10 =$ _____ | 89) $3 + 3 =$ _____ |
| 85) $3 + 5 =$ _____ | 90) $2 + 6 =$ _____ |

Subtraction revision

- | | |
|----------------------|-----------------------|
| 91) $8 - 2 =$ _____ | 93) $9 - 2 =$ _____ |
| 92) $7 - 0 =$ _____ | 94) $8 - 0 =$ _____ |
| 95) $13 - 1 =$ _____ | 98) $6 - 2 =$ _____ |
| 96) $7 - 2 =$ _____ | 99) $12 - 9 =$ _____ |
| 97) $5 - 3 =$ _____ | 100) $10 - 9 =$ _____ |

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Time:

Score:

Double/Halve: 6 [A]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	-------------	--------	---	---	-----

Double

- | | |
|---------------------|-----------------------|
| 1) $7 + 7 =$ _____ | 11) $0 + 0 =$ _____ |
| 2) $4 + 4 =$ _____ | 12) $9 + 9 =$ _____ |
| 3) $9 + 9 =$ _____ | 13) $1 + 1 =$ _____ |
| 4) $2 + 2 =$ _____ | 14) $5 + 5 =$ _____ |
| 5) $9 + 9 =$ _____ | 15) $1 + 1 =$ _____ |
| 6) $6 + 6 =$ _____ | 16) $8 + 8 =$ _____ |
| 7) $7 + 7 =$ _____ | 17) $10 + 10 =$ _____ |
| 8) $5 + 5 =$ _____ | 18) $6 + 6 =$ _____ |
| 9) $6 + 6 =$ _____ | 19) $7 + 7 =$ _____ |
| 10) $5 + 5 =$ _____ | 20) $3 + 3 =$ _____ |

Missing number

- | | |
|----------------------------------|----------------------------------|
| 41) $6 + 6 =$ _____ | 51) $7 + \underline{\quad} = 14$ |
| 42) $2 + 2 =$ _____ | 52) $7 + 7 =$ _____ |
| 43) $4 + \underline{\quad} = 10$ | 53) $3 + 3 =$ _____ |
| 44) $4 + 4 =$ _____ | 54) $5 + \underline{\quad} = 10$ |
| 45) $\underline{\quad} + 3 = 6$ | 55) $9 + 9 =$ _____ |
| 46) $\underline{\quad} + 6 = 12$ | 56) $5 + 5 =$ _____ |
| 47) $5 + \underline{\quad} = 10$ | 57) $6 + \underline{\quad} = 12$ |
| 48) $\underline{\quad} + 6 = 12$ | 58) $\underline{\quad} + 7 = 14$ |
| 49) $8 + 8 =$ _____ | 59) $8 + \underline{\quad} = 16$ |
| 50) $4 + \underline{\quad} = 8$ | 60) $9 + \underline{\quad} = 18$ |

Halve

- | | |
|-----------------------|-----------------------|
| 21) $18 - 9 =$ _____ | 31) $18 - 9 =$ _____ |
| 22) $10 - 5 =$ _____ | 32) $12 - 6 =$ _____ |
| 23) $16 - 8 =$ _____ | 33) $8 - 4 =$ _____ |
| 24) $20 - 10 =$ _____ | 34) $8 - 4 =$ _____ |
| 25) $4 - 2 =$ _____ | 35) $16 - 8 =$ _____ |
| 26) $14 - 7 =$ _____ | 36) $2 - 1 =$ _____ |
| 27) $12 - 6 =$ _____ | 37) $20 - 10 =$ _____ |
| 28) $2 - 1 =$ _____ | 38) $16 - 8 =$ _____ |
| 29) $6 - 3 =$ _____ | 39) $10 - 5 =$ _____ |
| 30) $12 - 6 =$ _____ | 40) $14 - 7 =$ _____ |

Missing number extensions

- | | |
|------------------------------------|------------------------------------|
| 61) $30 + 30 =$ _____ | 71) $60 + \underline{\quad} = 120$ |
| 62) $80 + 80 =$ _____ | 72) $60 + 60 =$ _____ |
| 63) $40 + \underline{\quad} = 80$ | 73) $20 + 20 =$ _____ |
| 64) $70 + 70 =$ _____ | 74) $90 + \underline{\quad} = 180$ |
| 65) $\underline{\quad} + 30 = 60$ | 75) $40 + 40 =$ _____ |
| 66) $\underline{\quad} + 70 = 140$ | 76) $60 + 60 =$ _____ |
| 67) $50 + \underline{\quad} = 100$ | 77) $50 + \underline{\quad} = 100$ |
| 68) $\underline{\quad} + 70 = 140$ | 78) $\underline{\quad} + 40 = 80$ |
| 69) $90 + 90 =$ _____ | 79) $60 + \underline{\quad} = 120$ |
| 70) $80 + \underline{\quad} = 160$ | 80) $50 + \underline{\quad} = 100$ |

Addition revision

- | | |
|---------------------|----------------------|
| 81) $1 + 4 =$ _____ | 86) $8 + 8 =$ _____ |
| 82) $3 + 7 =$ _____ | 87) $10 + 7 =$ _____ |
| 83) $3 + 5 =$ _____ | 88) $9 + 9 =$ _____ |
| 84) $7 + 7 =$ _____ | 89) $2 + 4 =$ _____ |
| 85) $3 + 8 =$ _____ | 90) $2 + 7 =$ _____ |

Rainbow missing number

- | | |
|----------------------------------|-----------------------------------|
| 91) $\underline{\quad} + 3 = 10$ | 96) $\underline{\quad} + 10 = 10$ |
| 92) $\underline{\quad} + 2 = 10$ | 97) $9 + \underline{\quad} = 10$ |
| 93) $2 + \underline{\quad} = 10$ | 98) $6 + 4 =$ _____ |
| 94) $1 + 9 =$ _____ | 99) $\underline{\quad} + 7 = 10$ |
| 95) $\underline{\quad} + 5 = 10$ | 100) $4 + \underline{\quad} = 10$ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Doubles addition and subtraction number facts are taught using a DOUBLE/HALVE strategy, connecting to everyday situations in which numbers are doubled, or one half of a double is subtracted.

Time:

Score:

Double/Halve: 6 [B]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	-------------	--------	---	---	-----

Double

- | | |
|---------------------|-----------------------|
| 1) $7 + 7 =$ _____ | 11) $5 + 5 =$ _____ |
| 2) $6 + 6 =$ _____ | 12) $9 + 9 =$ _____ |
| 3) $5 + 5 =$ _____ | 13) $10 + 10 =$ _____ |
| 4) $6 + 6 =$ _____ | 14) $1 + 1 =$ _____ |
| 5) $7 + 7 =$ _____ | 15) $9 + 9 =$ _____ |
| 6) $1 + 1 =$ _____ | 16) $0 + 0 =$ _____ |
| 7) $5 + 5 =$ _____ | 17) $7 + 7 =$ _____ |
| 8) $9 + 9 =$ _____ | 18) $3 + 3 =$ _____ |
| 9) $4 + 4 =$ _____ | 19) $6 + 6 =$ _____ |
| 10) $8 + 8 =$ _____ | 20) $2 + 2 =$ _____ |

Missing number

- | | |
|----------------------------------|----------------------------------|
| 41) $4 + 4 =$ _____ | 51) $6 + \underline{\quad} = 12$ |
| 42) $5 + 5 =$ _____ | 52) $7 + 7 =$ _____ |
| 43) $3 + \underline{\quad} = 6$ | 53) $8 + 8 =$ _____ |
| 44) $9 + 9 =$ _____ | 54) $7 + \underline{\quad} = 14$ |
| 45) $\underline{\quad} + 2 = 4$ | 55) $6 + 6 =$ _____ |
| 46) $\underline{\quad} + 5 = 10$ | 56) $6 + 6 =$ _____ |
| 47) $4 + \underline{\quad} = 8$ | 57) $7 + \underline{\quad} = 14$ |
| 48) $\underline{\quad} + 9 = 18$ | 58) $\underline{\quad} + 6 = 12$ |
| 49) $3 + 3 =$ _____ | 59) $8 + \underline{\quad} = 16$ |
| 50) $4 + \underline{\quad} = 10$ | 60) $5 + \underline{\quad} = 10$ |

Halve

- | | |
|----------------------|-----------------------|
| 21) $8 - 4 =$ _____ | 31) $2 - 1 =$ _____ |
| 22) $8 - 4 =$ _____ | 32) $12 - 6 =$ _____ |
| 23) $18 - 9 =$ _____ | 33) $16 - 8 =$ _____ |
| 24) $10 - 5 =$ _____ | 34) $20 - 10 =$ _____ |
| 25) $16 - 8 =$ _____ | 35) $18 - 9 =$ _____ |
| 26) $2 - 1 =$ _____ | 36) $10 - 5 =$ _____ |
| 27) $16 - 8 =$ _____ | 37) $6 - 3 =$ _____ |
| 28) $14 - 7 =$ _____ | 38) $14 - 7 =$ _____ |
| 29) $4 - 2 =$ _____ | 39) $20 - 10 =$ _____ |
| 30) $12 - 6 =$ _____ | 40) $12 - 6 =$ _____ |

Missing number extensions

- | | |
|------------------------------------|------------------------------------|
| 61) $60 + 60 =$ _____ | 71) $20 + \underline{\quad} = 40$ |
| 62) $60 + 60 =$ _____ | 72) $30 + 30 =$ _____ |
| 63) $50 + \underline{\quad} = 100$ | 73) $40 + 40 =$ _____ |
| 64) $40 + 40 =$ _____ | 74) $60 + \underline{\quad} = 120$ |
| 65) $\underline{\quad} + 90 = 180$ | 75) $70 + 70 =$ _____ |
| 66) $\underline{\quad} + 50 = 100$ | 76) $60 + 60 =$ _____ |
| 67) $50 + \underline{\quad} = 100$ | 77) $90 + \underline{\quad} = 180$ |
| 68) $\underline{\quad} + 70 = 140$ | 78) $\underline{\quad} + 80 = 160$ |
| 69) $40 + 40 =$ _____ | 79) $30 + \underline{\quad} = 60$ |
| 70) $80 + \underline{\quad} = 160$ | 80) $70 + \underline{\quad} = 140$ |

Addition revision

- | | |
|----------------------|---------------------|
| 81) $8 + 8 =$ _____ | 86) $3 + 8 =$ _____ |
| 82) $10 + 7 =$ _____ | 87) $7 + 7 =$ _____ |
| 83) $3 + 5 =$ _____ | 88) $2 + 7 =$ _____ |
| 84) $3 + 7 =$ _____ | 89) $1 + 4 =$ _____ |
| 85) $2 + 4 =$ _____ | 90) $9 + 9 =$ _____ |

Rainbow missing number

- | | |
|-----------------------------------|-----------------------------------|
| 91) $\underline{\quad} + 10 = 10$ | 96) $\underline{\quad} + 5 = 10$ |
| 92) $\underline{\quad} + 1 = 10$ | 97) $8 + \underline{\quad} = 10$ |
| 93) $4 + \underline{\quad} = 10$ | 98) $7 + 3 =$ _____ |
| 94) $2 + 8 =$ _____ | 99) $\underline{\quad} + 7 = 10$ |
| 95) $\underline{\quad} + 9 = 10$ | 100) $6 + \underline{\quad} = 10$ |

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Time:

Score:

Double/Halve: 6 [C]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	-------------	--------	---	---	-----

Double

- | | |
|---------------------|-----------------------|
| 1) $7 + 7 =$ _____ | 11) $6 + 6 =$ _____ |
| 2) $9 + 9 =$ _____ | 12) $7 + 7 =$ _____ |
| 3) $5 + 5 =$ _____ | 13) $4 + 4 =$ _____ |
| 4) $8 + 8 =$ _____ | 14) $9 + 9 =$ _____ |
| 5) $0 + 0 =$ _____ | 15) $1 + 1 =$ _____ |
| 6) $6 + 6 =$ _____ | 16) $6 + 6 =$ _____ |
| 7) $5 + 5 =$ _____ | 17) $2 + 2 =$ _____ |
| 8) $1 + 1 =$ _____ | 18) $9 + 9 =$ _____ |
| 9) $3 + 3 =$ _____ | 19) $10 + 10 =$ _____ |
| 10) $7 + 7 =$ _____ | 20) $5 + 5 =$ _____ |

Missing number

- | | |
|----------------------------------|----------------------------------|
| 41) $5 + 5 =$ _____ | 51) $6 + \underline{\quad} = 12$ |
| 42) $8 + 8 =$ _____ | 52) $7 + 7 =$ _____ |
| 43) $9 + \underline{\quad} = 18$ | 53) $4 + 4 =$ _____ |
| 44) $3 + 3 =$ _____ | 54) $5 + \underline{\quad} = 10$ |
| 45) $\underline{\quad} + 6 = 12$ | 55) $5 + 5 =$ _____ |
| 46) $\underline{\quad} + 7 = 14$ | 56) $4 + 6 =$ _____ |
| 47) $3 + \underline{\quad} = 6$ | 57) $6 + \underline{\quad} = 12$ |
| 48) $\underline{\quad} + 7 = 14$ | 58) $\underline{\quad} + 4 = 8$ |
| 49) $8 + 8 =$ _____ | 59) $6 + \underline{\quad} = 12$ |
| 50) $9 + \underline{\quad} = 18$ | 60) $2 + \underline{\quad} = 4$ |

Halve

- | | |
|-----------------------|-----------------------|
| 21) $12 - 6 =$ _____ | 31) $2 - 1 =$ _____ |
| 22) $10 - 5 =$ _____ | 32) $12 - 6 =$ _____ |
| 23) $14 - 7 =$ _____ | 33) $18 - 9 =$ _____ |
| 24) $16 - 8 =$ _____ | 34) $16 - 8 =$ _____ |
| 25) $6 - 3 =$ _____ | 35) $14 - 7 =$ _____ |
| 26) $2 - 1 =$ _____ | 36) $18 - 9 =$ _____ |
| 27) $16 - 8 =$ _____ | 37) $8 - 4 =$ _____ |
| 28) $20 - 10 =$ _____ | 38) $8 - 4 =$ _____ |
| 29) $12 - 6 =$ _____ | 39) $20 - 10 =$ _____ |
| 30) $4 - 2 =$ _____ | 40) $10 - 5 =$ _____ |

Missing number extensions

- | | |
|------------------------------------|------------------------------------|
| 61) $50 + 50 =$ _____ | 71) $90 + \underline{\quad} = 180$ |
| 62) $70 + 70 =$ _____ | 72) $40 + 40 =$ _____ |
| 63) $60 + \underline{\quad} = 120$ | 73) $40 + 40 =$ _____ |
| 64) $60 + 60 =$ _____ | 74) $30 + \underline{\quad} = 60$ |
| 65) $\underline{\quad} + 50 = 100$ | 75) $30 + 30 =$ _____ |
| 66) $\underline{\quad} + 40 = 80$ | 76) $90 + 90 =$ _____ |
| 67) $60 + \underline{\quad} = 120$ | 77) $50 + \underline{\quad} = 100$ |
| 68) $\underline{\quad} + 70 = 140$ | 78) $\underline{\quad} + 80 = 160$ |
| 69) $20 + 20 =$ _____ | 79) $60 + \underline{\quad} = 120$ |
| 70) $70 + \underline{\quad} = 140$ | 80) $80 + \underline{\quad} = 160$ |

Addition revision

- | | |
|---------------------|----------------------|
| 81) $9 + 9 =$ _____ | 86) $2 + 7 =$ _____ |
| 82) $1 + 4 =$ _____ | 87) $8 + 8 =$ _____ |
| 83) $3 + 5 =$ _____ | 88) $7 + 7 =$ _____ |
| 84) $2 + 4 =$ _____ | 89) $10 + 7 =$ _____ |
| 85) $3 + 8 =$ _____ | 90) $3 + 7 =$ _____ |

Rainbow missing number

- | | |
|----------------------------------|-----------------------------------|
| 91) $\underline{\quad} + 1 = 10$ | 96) $\underline{\quad} + 7 = 10$ |
| 92) $\underline{\quad} + 4 = 10$ | 97) $0 + \underline{\quad} = 10$ |
| 93) $4 + \underline{\quad} = 10$ | 98) $2 + 8 =$ _____ |
| 94) $8 + 2 =$ _____ | 99) $\underline{\quad} + 9 = 10$ |
| 95) $\underline{\quad} + 5 = 10$ | 100) $7 + \underline{\quad} = 10$ |

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Time:

Score:

Double/Halve: 6 [D]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	-------------	--------	---	---	-----

Double

- | | |
|---------------------|-----------------------|
| 1) $3 + 3 =$ _____ | 11) $9 + 9 =$ _____ |
| 2) $0 + 0 =$ _____ | 12) $9 + 9 =$ _____ |
| 3) $7 + 7 =$ _____ | 13) $10 + 10 =$ _____ |
| 4) $6 + 6 =$ _____ | 14) $5 + 5 =$ _____ |
| 5) $6 + 6 =$ _____ | 15) $5 + 5 =$ _____ |
| 6) $7 + 7 =$ _____ | 16) $6 + 6 =$ _____ |
| 7) $8 + 8 =$ _____ | 17) $7 + 7 =$ _____ |
| 8) $2 + 2 =$ _____ | 18) $5 + 5 =$ _____ |
| 9) $1 + 1 =$ _____ | 19) $1 + 1 =$ _____ |
| 10) $9 + 9 =$ _____ | 20) $4 + 4 =$ _____ |

Missing number

- | | |
|----------------------------------|----------------------------------|
| 41) $3 + 3 =$ _____ | 51) $6 + \underline{\quad} = 12$ |
| 42) $3 + 3 =$ _____ | 52) $4 + 4 =$ _____ |
| 43) $7 + \underline{\quad} = 14$ | 53) $4 + 6 =$ _____ |
| 44) $5 + 5 =$ _____ | 54) $4 + \underline{\quad} = 8$ |
| 45) $\underline{\quad} + 5 = 10$ | 55) $6 + 6 =$ _____ |
| 46) $\underline{\quad} + 5 = 10$ | 56) $8 + 8 =$ _____ |
| 47) $7 + \underline{\quad} = 14$ | 57) $8 + \underline{\quad} = 16$ |
| 48) $\underline{\quad} + 6 = 12$ | 58) $\underline{\quad} + 6 = 12$ |
| 49) $9 + 9 =$ _____ | 59) $2 + \underline{\quad} = 4$ |
| 50) $7 + \underline{\quad} = 14$ | 60) $9 + \underline{\quad} = 18$ |

Halve

- | | |
|-----------------------|----------------------|
| 21) $8 - 4 =$ _____ | 31) $10 - 5 =$ _____ |
| 22) $20 - 10 =$ _____ | 32) $6 - 3 =$ _____ |
| 23) $20 - 10 =$ _____ | 33) $10 - 5 =$ _____ |
| 24) $8 - 4 =$ _____ | 34) $2 - 1 =$ _____ |
| 25) $12 - 6 =$ _____ | 35) $16 - 8 =$ _____ |
| 26) $12 - 6 =$ _____ | 36) $14 - 7 =$ _____ |
| 27) $16 - 8 =$ _____ | 37) $18 - 9 =$ _____ |
| 28) $12 - 6 =$ _____ | 38) $14 - 7 =$ _____ |
| 29) $4 - 2 =$ _____ | 39) $2 - 1 =$ _____ |
| 30) $16 - 8 =$ _____ | 40) $18 - 9 =$ _____ |

Missing number and extensions

- | | |
|------------------------------------|------------------------------------|
| 61) $70 + 70 =$ _____ | 71) $90 + \underline{\quad} = 180$ |
| 62) $40 + 40 =$ _____ | 72) $80 + 80 =$ _____ |
| 63) $30 + \underline{\quad} = 60$ | 73) $50 + 50 =$ _____ |
| 64) $80 + 80 =$ _____ | 74) $70 + \underline{\quad} = 140$ |
| 65) $\underline{\quad} + 60 = 120$ | 75) $60 + 60 =$ _____ |
| 66) $\underline{\quad} + 20 = 40$ | 76) $60 + 60 =$ _____ |
| 67) $40 + \underline{\quad} = 80$ | 77) $30 + \underline{\quad} = 60$ |
| 68) $\underline{\quad} + 70 = 140$ | 78) $\underline{\quad} + 50 = 100$ |
| 69) $40 + 40 =$ _____ | 79) $60 + \underline{\quad} = 120$ |
| 70) $90 + \underline{\quad} = 180$ | 80) $50 + \underline{\quad} = 100$ |

Addition revision

- | | |
|----------------------|---------------------|
| 81) $10 + 7 =$ _____ | 86) $8 + 8 =$ _____ |
| 82) $7 + 7 =$ _____ | 87) $3 + 8 =$ _____ |
| 83) $2 + 4 =$ _____ | 88) $1 + 4 =$ _____ |
| 84) $3 + 7 =$ _____ | 89) $3 + 5 =$ _____ |
| 85) $9 + 9 =$ _____ | 90) $2 + 7 =$ _____ |

Rainbow missing number

- | | |
|-----------------------------------|-----------------------------------|
| 91) $\underline{\quad} + 10 = 10$ | 96) $\underline{\quad} + 8 = 10$ |
| 92) $\underline{\quad} + 6 = 10$ | 97) $3 + \underline{\quad} = 10$ |
| 93) $1 + \underline{\quad} = 10$ | 98) $9 + 1 =$ _____ |
| 94) $5 + 5 =$ _____ | 99) $\underline{\quad} + 4 = 10$ |
| 95) $\underline{\quad} + 2 = 10$ | 100) $7 + \underline{\quad} = 10$ |

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Time:

Score:

Doubles +1: 7 [A]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
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Double +1

- | | |
|----------------------|---------------------|
| 1) $8 + 8 =$ _____ | 11) $8 + 8 =$ _____ |
| 2) $8 + 9 =$ _____ | 12) $5 + 5 =$ _____ |
| 3) $5 + 6 =$ _____ | 13) $7 + 8 =$ _____ |
| 4) $6 + 6 =$ _____ | 14) $3 + 4 =$ _____ |
| 5) $4 + 5 =$ _____ | 15) $9 + 9 =$ _____ |
| 6) $7 + 7 =$ _____ | 16) $5 + 5 =$ _____ |
| 7) $4 + 4 =$ _____ | 17) $2 + 3 =$ _____ |
| 8) $6 + 7 =$ _____ | 18) $3 + 3 =$ _____ |
| 9) $2 + 2 =$ _____ | 19) $5 + 6 =$ _____ |
| 10) $9 + 10 =$ _____ | 20) $8 + 9 =$ _____ |

Related to double +1

- | | |
|----------------------|----------------------|
| 41) $9 - 4 =$ _____ | 51) $8 - 4 =$ _____ |
| 42) $9 - 4 =$ _____ | 52) $7 - 3 =$ _____ |
| 43) $10 - 5 =$ _____ | 53) $17 - 8 =$ _____ |
| 44) $9 - 4 =$ _____ | 54) $14 - 7 =$ _____ |
| 45) $8 - 4 =$ _____ | 55) $11 - 5 =$ _____ |
| 46) $14 - 7 =$ _____ | 56) $8 - 4 =$ _____ |
| 47) $10 - 5 =$ _____ | 57) $15 - 7 =$ _____ |
| 48) $16 - 8 =$ _____ | 58) $15 - 7 =$ _____ |
| 49) $8 - 4 =$ _____ | 59) $11 - 5 =$ _____ |
| 50) $13 - 6 =$ _____ | 60) $6 - 3 =$ _____ |

Turn arounds

- | | |
|----------------------|---------------------|
| 21) $2 + 2 =$ _____ | 31) $5 + 4 =$ _____ |
| 22) $3 + 2 =$ _____ | 32) $8 + 7 =$ _____ |
| 23) $8 + 8 =$ _____ | 33) $3 + 3 =$ _____ |
| 24) $4 + 4 =$ _____ | 34) $5 + 5 =$ _____ |
| 25) $8 + 7 =$ _____ | 35) $7 + 6 =$ _____ |
| 26) $4 + 3 =$ _____ | 36) $9 + 8 =$ _____ |
| 27) $10 + 9 =$ _____ | 37) $7 + 6 =$ _____ |
| 28) $9 + 9 =$ _____ | 38) $7 + 7 =$ _____ |
| 29) $6 + 6 =$ _____ | 39) $6 + 6 =$ _____ |
| 30) $6 + 5 =$ _____ | 40) $7 + 7 =$ _____ |

Turn arounds

- | | |
|----------------------|----------------------|
| 61) $8 - 4 =$ _____ | 71) $17 - 9 =$ _____ |
| 62) $15 - 7 =$ _____ | 72) $11 - 5 =$ _____ |
| 63) $7 - 3 =$ _____ | 73) $14 - 7 =$ _____ |
| 64) $8 - 4 =$ _____ | 74) $14 - 7 =$ _____ |
| 65) $9 - 4 =$ _____ | 75) $12 - 6 =$ _____ |
| 66) $13 - 6 =$ _____ | 76) $16 - 8 =$ _____ |
| 67) $9 - 4 =$ _____ | 77) $10 - 5 =$ _____ |
| 68) $9 - 4 =$ _____ | 78) $15 - 7 =$ _____ |
| 69) $10 - 5 =$ _____ | 79) $8 - 4 =$ _____ |
| 70) $11 - 5 =$ _____ | 80) $6 - 3 =$ _____ |

Double +1 extensions

- | | | | |
|-----------------------|-----------------------|-------------------------|--------------------------|
| 81) $70 + 80 =$ _____ | 86) $50 + 40 =$ _____ | 91) $30 +$ _____ $= 70$ | 96) _____ $+ 90 = 170$ |
| 82) $80 + 90 =$ _____ | 87) $60 + 50 =$ _____ | 92) $60 + 50 =$ _____ | 97) $40 +$ _____ $= 90$ |
| 83) $50 + 60 =$ _____ | 88) $30 + 20 =$ _____ | 93) _____ $+ 80 = 150$ | 98) _____ $+ 70 = 150$ |
| 84) $70 + 60 =$ _____ | 89) $40 + 50 =$ _____ | 94) $40 +$ _____ $= 70$ | 99) $70 +$ _____ $= 130$ |
| 85) $40 + 30 =$ _____ | 90) $80 + 70 =$ _____ | 95) _____ $+ 60 = 110$ | 100) $50 + 40 =$ _____ |

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Time:

Score:

Doubles +1: 7 [B]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	------	---------------	---	---	-----

Double +1

- | | |
|---------------------|---------------------|
| 1) $9 + 9 =$ _____ | 11) $5 + 5 =$ _____ |
| 2) $9 + 10 =$ _____ | 12) $2 + 2 =$ _____ |
| 3) $7 + 7 =$ _____ | 13) $3 + 3 =$ _____ |
| 4) $5 + 6 =$ _____ | 14) $8 + 9 =$ _____ |
| 5) $8 + 8 =$ _____ | 15) $5 + 6 =$ _____ |
| 6) $4 + 5 =$ _____ | 16) $8 + 9 =$ _____ |
| 7) $2 + 3 =$ _____ | 17) $6 + 6 =$ _____ |
| 8) $7 + 8 =$ _____ | 18) $4 + 4 =$ _____ |
| 9) $6 + 7 =$ _____ | 19) $5 + 5 =$ _____ |
| 10) $8 + 8 =$ _____ | 20) $3 + 4 =$ _____ |

Related to double +1

- | | |
|----------------------|----------------------|
| 41) $8 - 4 =$ _____ | 51) $10 - 5 =$ _____ |
| 42) $6 - 3 =$ _____ | 52) $8 - 4 =$ _____ |
| 43) $15 - 7 =$ _____ | 53) $14 - 7 =$ _____ |
| 44) $14 - 7 =$ _____ | 54) $7 - 3 =$ _____ |
| 45) $8 - 4 =$ _____ | 55) $8 - 4 =$ _____ |
| 46) $16 - 8 =$ _____ | 56) $13 - 6 =$ _____ |
| 47) $9 - 4 =$ _____ | 57) $9 - 4 =$ _____ |
| 48) $11 - 5 =$ _____ | 58) $10 - 5 =$ _____ |
| 49) $9 - 4 =$ _____ | 59) $11 - 5 =$ _____ |
| 50) $15 - 7 =$ _____ | 60) $17 - 8 =$ _____ |

Turn arounds

- | | |
|----------------------|---------------------|
| 21) $5 + 5 =$ _____ | 31) $6 + 6 =$ _____ |
| 22) $9 + 8 =$ _____ | 32) $7 + 7 =$ _____ |
| 23) $3 + 3 =$ _____ | 33) $8 + 7 =$ _____ |
| 24) $8 + 8 =$ _____ | 34) $3 + 2 =$ _____ |
| 25) $10 + 9 =$ _____ | 35) $4 + 3 =$ _____ |
| 26) $7 + 6 =$ _____ | 36) $7 + 7 =$ _____ |
| 27) $6 + 5 =$ _____ | 37) $4 + 4 =$ _____ |
| 28) $6 + 6 =$ _____ | 38) $7 + 6 =$ _____ |
| 29) $8 + 7 =$ _____ | 39) $5 + 4 =$ _____ |
| 30) $2 + 2 =$ _____ | 40) $9 + 9 =$ _____ |

Turn arounds

- | | |
|----------------------|----------------------|
| 61) $9 - 4 =$ _____ | 71) $10 - 5 =$ _____ |
| 62) $16 - 8 =$ _____ | 72) $12 - 6 =$ _____ |
| 63) $15 - 7 =$ _____ | 73) $8 - 4 =$ _____ |
| 64) $8 - 4 =$ _____ | 74) $14 - 7 =$ _____ |
| 65) $9 - 4 =$ _____ | 75) $10 - 5 =$ _____ |
| 66) $15 - 7 =$ _____ | 76) $8 - 4 =$ _____ |
| 67) $14 - 7 =$ _____ | 77) $11 - 5 =$ _____ |
| 68) $11 - 5 =$ _____ | 78) $17 - 9 =$ _____ |
| 69) $6 - 3 =$ _____ | 79) $7 - 3 =$ _____ |
| 70) $13 - 6 =$ _____ | 80) $9 - 4 =$ _____ |

Double +1 extensions

- | | | | |
|-----------------------|-----------------------|--------------------------|--------------------------|
| 81) $40 + 50 =$ _____ | 86) $80 + 70 =$ _____ | 91) $40 +$ _____ $= 70$ | 96) _____ $+ 70 = 150$ |
| 82) $60 + 50 =$ _____ | 87) $80 + 90 =$ _____ | 92) $50 + 40 =$ _____ | 97) $70 +$ _____ $= 130$ |
| 83) $40 + 30 =$ _____ | 88) $50 + 60 =$ _____ | 93) _____ $+ 80 = 150$ | 98) _____ $+ 50 = 90$ |
| 84) $50 + 40 =$ _____ | 89) $70 + 60 =$ _____ | 94) $60 +$ _____ $= 110$ | 99) $80 +$ _____ $= 170$ |
| 85) $70 + 80 =$ _____ | 90) $30 + 20 =$ _____ | 95) _____ $+ 60 = 110$ | 100) $30 + 40 =$ _____ |

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Time:

Score:

Doubles +1: 7 [C]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	------	---------------	---	---	-----

Double +1

- | | |
|---------------------|----------------------|
| 1) $9 + 9 =$ _____ | 11) $5 + 5 =$ _____ |
| 2) $5 + 6 =$ _____ | 12) $6 + 6 =$ _____ |
| 3) $2 + 3 =$ _____ | 13) $3 + 3 =$ _____ |
| 4) $2 + 2 =$ _____ | 14) $7 + 7 =$ _____ |
| 5) $7 + 8 =$ _____ | 15) $8 + 8 =$ _____ |
| 6) $4 + 4 =$ _____ | 16) $4 + 5 =$ _____ |
| 7) $8 + 9 =$ _____ | 17) $6 + 7 =$ _____ |
| 8) $5 + 6 =$ _____ | 18) $9 + 10 =$ _____ |
| 9) $8 + 8 =$ _____ | 19) $8 + 9 =$ _____ |
| 10) $3 + 4 =$ _____ | 20) $5 + 5 =$ _____ |

Related to double +1

- | | |
|----------------------|----------------------|
| 41) $15 - 7 =$ _____ | 51) $17 - 8 =$ _____ |
| 42) $9 - 4 =$ _____ | 52) $15 - 7 =$ _____ |
| 43) $16 - 8 =$ _____ | 53) $10 - 5 =$ _____ |
| 44) $11 - 5 =$ _____ | 54) $14 - 7 =$ _____ |
| 45) $8 - 4 =$ _____ | 55) $7 - 3 =$ _____ |
| 46) $10 - 5 =$ _____ | 56) $9 - 4 =$ _____ |
| 47) $8 - 4 =$ _____ | 57) $11 - 5 =$ _____ |
| 48) $13 - 6 =$ _____ | 58) $9 - 4 =$ _____ |
| 49) $8 - 4 =$ _____ | 59) $8 - 4 =$ _____ |
| 50) $6 - 3 =$ _____ | 60) $14 - 7 =$ _____ |

Turn arounds and extensions

- | | |
|---------------------|------------------------|
| 21) $4 + 3 =$ _____ | 31) $80 + 70 =$ _____ |
| 22) $7 + 6 =$ _____ | 32) $30 + 20 =$ _____ |
| 23) $3 + 3 =$ _____ | 33) $80 + 70 =$ _____ |
| 24) $7 + 7 =$ _____ | 34) $40 + 40 =$ _____ |
| 25) $5 + 4 =$ _____ | 35) $80 + 80 =$ _____ |
| 26) $9 + 9 =$ _____ | 36) $100 + 90 =$ _____ |
| 27) $5 + 5 =$ _____ | 37) $70 + 70 =$ _____ |
| 28) $6 + 5 =$ _____ | 38) $60 + 60 =$ _____ |
| 29) $7 + 6 =$ _____ | 39) $90 + 80 =$ _____ |
| 30) $2 + 2 =$ _____ | 40) $60 + 60 =$ _____ |

Turn arounds and extensions

- | | |
|----------------------|------------------------|
| 61) $16 - 8 =$ _____ | 71) $170 - 90 =$ _____ |
| 62) $8 - 4 =$ _____ | 72) $80 - 40 =$ _____ |
| 63) $8 - 4 =$ _____ | 73) $120 - 60 =$ _____ |
| 64) $6 - 3 =$ _____ | 74) $70 - 30 =$ _____ |
| 65) $14 - 7 =$ _____ | 75) $90 - 40 =$ _____ |
| 66) $13 - 6 =$ _____ | 76) $110 - 50 =$ _____ |
| 67) $15 - 7 =$ _____ | 77) $110 - 60 =$ _____ |
| 68) $9 - 4 =$ _____ | 78) $100 - 50 =$ _____ |
| 69) $15 - 7 =$ _____ | 79) $100 - 60 =$ _____ |
| 70) $14 - 7 =$ _____ | 80) $90 - 40 =$ _____ |

Double +1 extensions

- | | | | |
|-----------------------|-----------------------|--------------------------|-------------------------|
| 81) $70 + 60 =$ _____ | 86) $30 + 20 =$ _____ | 91) $70 +$ _____ $= 130$ | 96) _____ $+ 70 = 150$ |
| 82) $40 + 30 =$ _____ | 87) $80 + 70 =$ _____ | 92) $40 + 30 =$ _____ | 97) $30 +$ _____ $= 70$ |
| 83) $80 + 90 =$ _____ | 88) $40 + 50 =$ _____ | 93) _____ $+ 60 = 110$ | 98) _____ $+ 50 = 110$ |
| 84) $70 + 80 =$ _____ | 89) $60 + 50 =$ _____ | 94) $80 +$ _____ $= 170$ | 99) $40 +$ _____ $= 90$ |
| 85) $50 + 40 =$ _____ | 90) $50 + 60 =$ _____ | 95) _____ $+ 80 = 150$ | 100) $50 + 40 =$ _____ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Double +1 number facts are taught using a THINK OF DOUBLES strategy: once doubles are memorized, any double plus one fact is easily found by counting on one more. Double plus one facts are recognized by the pairing of two numbers that are consecutive counting numbers, their sum equalling double the smaller number plus one more.

Time:

Score:

Doubles +1: 7 [D]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	------	---------------	---	---	-----

Double +1

- | | |
|---------------------|----------------------|
| 1) $5 + 6 =$ _____ | 11) $8 + 9 =$ _____ |
| 2) $2 + 2 =$ _____ | 12) $5 + 6 =$ _____ |
| 3) $8 + 8 =$ _____ | 13) $9 + 10 =$ _____ |
| 4) $9 + 9 =$ _____ | 14) $4 + 5 =$ _____ |
| 5) $3 + 4 =$ _____ | 15) $6 + 6 =$ _____ |
| 6) $8 + 9 =$ _____ | 16) $8 + 8 =$ _____ |
| 7) $2 + 3 =$ _____ | 17) $5 + 5 =$ _____ |
| 8) $4 + 4 =$ _____ | 18) $7 + 8 =$ _____ |
| 9) $3 + 3 =$ _____ | 19) $5 + 5 =$ _____ |
| 10) $6 + 7 =$ _____ | 20) $7 + 7 =$ _____ |

Related to double +1

- | | |
|----------------------|----------------------|
| 41) $14 - 7 =$ _____ | 51) $17 - 8 =$ _____ |
| 42) $13 - 6 =$ _____ | 52) $9 - 4 =$ _____ |
| 43) $11 - 5 =$ _____ | 53) $8 - 4 =$ _____ |
| 44) $14 - 7 =$ _____ | 54) $7 - 3 =$ _____ |
| 45) $8 - 4 =$ _____ | 55) $6 - 3 =$ _____ |
| 46) $9 - 4 =$ _____ | 56) $16 - 8 =$ _____ |
| 47) $9 - 4 =$ _____ | 57) $8 - 4 =$ _____ |
| 48) $10 - 5 =$ _____ | 58) $11 - 5 =$ _____ |
| 49) $8 - 4 =$ _____ | 59) $10 - 5 =$ _____ |
| 50) $15 - 7 =$ _____ | 60) $15 - 7 =$ _____ |

Turn arounds and extensions

- | | |
|----------------------|-----------------------|
| 21) $10 + 9 =$ _____ | 31) $50 + 50 =$ _____ |
| 22) $7 + 7 =$ _____ | 32) $60 + 60 =$ _____ |
| 23) $3 + 2 =$ _____ | 33) $90 + 90 =$ _____ |
| 24) $7 + 6 =$ _____ | 34) $40 + 40 =$ _____ |
| 25) $8 + 7 =$ _____ | 35) $70 + 60 =$ _____ |
| 26) $5 + 4 =$ _____ | 36) $60 + 50 =$ _____ |
| 27) $4 + 3 =$ _____ | 37) $60 + 60 =$ _____ |
| 28) $7 + 7 =$ _____ | 38) $30 + 30 =$ _____ |
| 29) $2 + 2 =$ _____ | 39) $80 + 70 =$ _____ |
| 30) $8 + 8 =$ _____ | 40) $90 + 80 =$ _____ |

Turn arounds and extensions

- | | |
|----------------------|------------------------|
| 61) $11 - 5 =$ _____ | 71) $60 - 30 =$ _____ |
| 62) $7 - 3 =$ _____ | 72) $100 - 50 =$ _____ |
| 63) $15 - 7 =$ _____ | 73) $110 - 50 =$ _____ |
| 64) $9 - 4 =$ _____ | 74) $140 - 70 =$ _____ |
| 65) $8 - 4 =$ _____ | 75) $90 - 40 =$ _____ |
| 66) $12 - 6 =$ _____ | 76) $160 - 80 =$ _____ |
| 67) $8 - 4 =$ _____ | 77) $90 - 50 =$ _____ |
| 68) $10 - 5 =$ _____ | 78) $170 - 90 =$ _____ |
| 69) $14 - 7 =$ _____ | 79) $130 - 60 =$ _____ |
| 70) $15 - 7 =$ _____ | 80) $80 - 40 =$ _____ |

Double +1 extensions

- | | | | |
|-----------------------|-----------------------|-------------------------|--------------------------|
| 81) $50 + 40 =$ _____ | 86) $80 + 70 =$ _____ | 91) $50 +$ _____ $= 90$ | 96) _____ $+ 90 = 170$ |
| 82) $70 + 80 =$ _____ | 87) $60 + 50 =$ _____ | 92) $60 + 50 =$ _____ | 97) $70 +$ _____ $= 150$ |
| 83) $40 + 30 =$ _____ | 88) $80 + 90 =$ _____ | 93) _____ $+ 70 = 150$ | 98) _____ $+ 50 = 90$ |
| 84) $40 + 50 =$ _____ | 89) $50 + 60 =$ _____ | 94) $30 +$ _____ $= 70$ | 99) $40 +$ _____ $= 70$ |
| 85) $30 + 20 =$ _____ | 90) $70 + 60 =$ _____ | 95) _____ $+ 60 = 110$ | 100) $70 + 60 =$ _____ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Double +1 number facts are taught using a THINK OF DOUBLES strategy: once doubles are memorized, any double plus one fact is easily found by counting on one more. Double plus one facts are recognized by the pairing of two numbers that are consecutive counting numbers, their sum equalling double the smaller number plus one more.

Time:

Score:

+/- 9 Near 10: 8 [A]



$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	------	------	------	--------	---	---	-----

+9

- | | |
|---------------------|----------------------|
| 1) $3 + 9 =$ _____ | 11) $1 + 9 =$ _____ |
| 2) $1 + 9 =$ _____ | 12) $6 + 9 =$ _____ |
| 3) $3 + 9 =$ _____ | 13) $0 + 9 =$ _____ |
| 4) $3 + 9 =$ _____ | 14) $7 + 9 =$ _____ |
| 5) $8 + 9 =$ _____ | 15) $0 + 9 =$ _____ |
| 6) $2 + 9 =$ _____ | 16) $10 + 9 =$ _____ |
| 7) $0 + 9 =$ _____ | 17) $7 + 9 =$ _____ |
| 8) $5 + 9 =$ _____ | 18) $4 + 9 =$ _____ |
| 9) $3 + 9 =$ _____ | 19) $8 + 9 =$ _____ |
| 10) $9 + 9 =$ _____ | 20) $7 + 9 =$ _____ |

+9 Turn arounds

- | | |
|----------------------|----------------------|
| 21) $9 + 5 =$ _____ | 31) $9 + 4 =$ _____ |
| 22) $9 + 10 =$ _____ | 32) $9 + 2 =$ _____ |
| 23) $9 + 0 =$ _____ | 33) $9 + 4 =$ _____ |
| 24) $9 + 1 =$ _____ | 34) $9 + 10 =$ _____ |
| 25) $9 + 2 =$ _____ | 35) $9 + 7 =$ _____ |
| 26) $9 + 4 =$ _____ | 36) $9 + 4 =$ _____ |
| 27) $9 + 4 =$ _____ | 37) $9 + 6 =$ _____ |
| 28) $9 + 8 =$ _____ | 38) $9 + 2 =$ _____ |
| 29) $9 + 4 =$ _____ | 39) $9 + 9 =$ _____ |
| 30) $9 + 1 =$ _____ | 40) $9 + 3 =$ _____ |

+9 extensions

- | | |
|-----------------------|-----------------------|
| 81) $90 + 60 =$ _____ | 86) $90 + 80 =$ _____ |
| 82) $90 + 70 =$ _____ | 87) $90 + 50 =$ _____ |
| 83) $90 + 30 =$ _____ | 88) $90 + 40 =$ _____ |
| 84) $90 + 90 =$ _____ | 89) $90 + 60 =$ _____ |
| 85) $90 + 20 =$ _____ | 90) $90 + 40 =$ _____ |

Difference of 9, -9

- | | |
|----------------------|----------------------|
| 41) $16 - 7 =$ _____ | 61) $15 - 9 =$ _____ |
| 42) $10 - 1 =$ _____ | 62) $16 - 7 =$ _____ |
| 43) $17 - 8 =$ _____ | 63) $13 - 4 =$ _____ |
| 44) $16 - 7 =$ _____ | 64) $10 - 9 =$ _____ |
| 45) $16 - 9 =$ _____ | 65) $16 - 7 =$ _____ |
| 46) $12 - 9 =$ _____ | 66) $17 - 8 =$ _____ |
| 47) $9 - 9 =$ _____ | 67) $11 - 9 =$ _____ |
| 48) $12 - 9 =$ _____ | 68) $15 - 6 =$ _____ |
| 49) $17 - 8 =$ _____ | 69) $14 - 5 =$ _____ |
| 50) $13 - 4 =$ _____ | 70) $14 - 9 =$ _____ |
| 51) $16 - 9 =$ _____ | 71) $10 - 9 =$ _____ |
| 52) $9 - 9 =$ _____ | 72) $13 - 9 =$ _____ |
| 53) $18 - 9 =$ _____ | 73) $10 - 1 =$ _____ |
| 54) $12 - 3 =$ _____ | 74) $15 - 6 =$ _____ |
| 55) $18 - 9 =$ _____ | 75) $11 - 2 =$ _____ |
| 56) $15 - 6 =$ _____ | 76) $13 - 9 =$ _____ |
| 57) $14 - 5 =$ _____ | 77) $14 - 5 =$ _____ |
| 58) $11 - 9 =$ _____ | 78) $13 - 9 =$ _____ |
| 59) $16 - 9 =$ _____ | 79) $9 - 9 =$ _____ |
| 60) $13 - 9 =$ _____ | 80) $13 - 4 =$ _____ |

+9 missing number extensions

- | | |
|----------------------|----------------------|
| 91) _____ + 90 = 130 | 96) _____ + 90 = 100 |
| 92) _____ + 90 = 120 | 97) 20 + 90 = _____ |
| 93) 90 + 90 = _____ | 98) 70 + 90 = _____ |
| 94) 50 + 90 = _____ | 99) 10 + _____ = 100 |
| 95) _____ + 90 = 150 | 100) 80 + 90 = _____ |

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Time:

Score:

+/- 9 Near 10: 8 [B]



$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

+9

- | | |
|---------------------|----------------------|
| 1) $0 + 9 =$ _____ | 11) $6 + 9 =$ _____ |
| 2) $0 + 9 =$ _____ | 12) $7 + 9 =$ _____ |
| 3) $4 + 9 =$ _____ | 13) $3 + 9 =$ _____ |
| 4) $7 + 9 =$ _____ | 14) $10 + 9 =$ _____ |
| 5) $3 + 9 =$ _____ | 15) $2 + 9 =$ _____ |
| 6) $8 + 9 =$ _____ | 16) $9 + 9 =$ _____ |
| 7) $3 + 9 =$ _____ | 17) $0 + 9 =$ _____ |
| 8) $5 + 9 =$ _____ | 18) $7 + 9 =$ _____ |
| 9) $8 + 9 =$ _____ | 19) $1 + 9 =$ _____ |
| 10) $1 + 9 =$ _____ | 20) $3 + 9 =$ _____ |

+9 Turn arounds

- | | |
|---------------------|----------------------|
| 21) $9 + 4 =$ _____ | 31) $9 + 3 =$ _____ |
| 22) $9 + 4 =$ _____ | 32) $9 + 5 =$ _____ |
| 23) $9 + 2 =$ _____ | 33) $9 + 9 =$ _____ |
| 24) $9 + 7 =$ _____ | 34) $9 + 10 =$ _____ |
| 25) $9 + 4 =$ _____ | 35) $9 + 6 =$ _____ |
| 26) $9 + 2 =$ _____ | 36) $9 + 4 =$ _____ |
| 27) $9 + 0 =$ _____ | 37) $9 + 1 =$ _____ |
| 28) $9 + 1 =$ _____ | 38) $9 + 10 =$ _____ |
| 29) $9 + 8 =$ _____ | 39) $9 + 2 =$ _____ |
| 30) $9 + 4 =$ _____ | 40) $9 + 4 =$ _____ |

+9 extensions

- | | |
|-----------------------|-----------------------|
| 81) $90 + 20 =$ _____ | 86) $90 + 60 =$ _____ |
| 82) $90 + 40 =$ _____ | 87) $90 + 30 =$ _____ |
| 83) $90 + 10 =$ _____ | 88) $90 + 70 =$ _____ |
| 84) $90 + 50 =$ _____ | 89) $90 + 40 =$ _____ |
| 85) $90 + 80 =$ _____ | 90) $90 + 90 =$ _____ |

Difference of 9, -9

- | | |
|----------------------|----------------------|
| 41) $14 - 5 =$ _____ | 61) $16 - 7 =$ _____ |
| 42) $12 - 9 =$ _____ | 62) $13 - 4 =$ _____ |
| 43) $15 - 6 =$ _____ | 63) $16 - 9 =$ _____ |
| 44) $11 - 2 =$ _____ | 64) $11 - 9 =$ _____ |
| 45) $17 - 8 =$ _____ | 65) $15 - 6 =$ _____ |
| 46) $13 - 4 =$ _____ | 66) $15 - 9 =$ _____ |
| 47) $14 - 5 =$ _____ | 67) $9 - 9 =$ _____ |
| 48) $10 - 9 =$ _____ | 68) $17 - 8 =$ _____ |
| 49) $16 - 7 =$ _____ | 69) $13 - 9 =$ _____ |
| 50) $12 - 3 =$ _____ | 70) $10 - 9 =$ _____ |
| 51) $18 - 9 =$ _____ | 71) $14 - 9 =$ _____ |
| 52) $12 - 9 =$ _____ | 72) $16 - 9 =$ _____ |
| 53) $18 - 9 =$ _____ | 73) $9 - 9 =$ _____ |
| 54) $16 - 9 =$ _____ | 74) $10 - 1 =$ _____ |
| 55) $9 - 9 =$ _____ | 75) $15 - 6 =$ _____ |
| 56) $13 - 4 =$ _____ | 76) $10 - 1 =$ _____ |
| 57) $13 - 9 =$ _____ | 77) $11 - 9 =$ _____ |
| 58) $16 - 7 =$ _____ | 78) $17 - 8 =$ _____ |
| 59) $13 - 9 =$ _____ | 79) $13 - 9 =$ _____ |
| 60) $14 - 5 =$ _____ | 80) $16 - 7 =$ _____ |

+9 missing number extensions

- | | |
|-----------------------|-----------------------|
| 91) _____ + 90 = 120 | 96) _____ + 90 = 100 |
| 92) _____ + 90 = 110 | 97) $90 + 90 =$ _____ |
| 93) _____ + 90 = 140 | 98) $10 + 90 =$ _____ |
| 94) $40 + 90 =$ _____ | 99) $70 + 90 =$ _____ |
| 95) _____ + 90 = 150 | 100) _____ + 90 = 170 |

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Time:

Score:

+/- 9 Near 10: 8 [C]



$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

+9

- | | |
|---------------------|----------------------|
| 1) $8 + 9 =$ _____ | 11) $5 + 9 =$ _____ |
| 2) $1 + 9 =$ _____ | 12) $3 + 9 =$ _____ |
| 3) $0 + 9 =$ _____ | 13) $7 + 9 =$ _____ |
| 4) $9 + 9 =$ _____ | 14) $3 + 9 =$ _____ |
| 5) $3 + 9 =$ _____ | 15) $4 + 9 =$ _____ |
| 6) $8 + 9 =$ _____ | 16) $1 + 9 =$ _____ |
| 7) $3 + 9 =$ _____ | 17) $2 + 9 =$ _____ |
| 8) $6 + 9 =$ _____ | 18) $0 + 9 =$ _____ |
| 9) $7 + 9 =$ _____ | 19) $10 + 9 =$ _____ |
| 10) $7 + 9 =$ _____ | 20) $0 + 9 =$ _____ |

+9 Turn arounds and extensions

- | | |
|----------------------|-----------------------|
| 21) $9 + 1 =$ _____ | 31) $90 + 50 =$ _____ |
| 22) $9 + 10 =$ _____ | 32) $90 + 30 =$ _____ |
| 23) $9 + 4 =$ _____ | 33) $90 + 20 =$ _____ |
| 24) $9 + 2 =$ _____ | 34) $90 + 40 =$ _____ |
| 25) $9 + 9 =$ _____ | 35) $90 + 10 =$ _____ |
| 26) $9 + 4 =$ _____ | 36) $90 + 40 =$ _____ |
| 27) $9 + 7 =$ _____ | 37) $90 + 20 =$ _____ |
| 28) $9 + 8 =$ _____ | 38) $90 + 40 =$ _____ |
| 29) $9 + 0 =$ _____ | 39) $90 + 60 =$ _____ |
| 30) $9 + 10 =$ _____ | 40) $90 + 40 =$ _____ |

+9 extensions

- | | |
|-----------------------|-----------------------|
| 81) $90 + 70 =$ _____ | 86) $90 + 30 =$ _____ |
| 82) $90 + 60 =$ _____ | 87) $90 + 40 =$ _____ |
| 83) $90 + 50 =$ _____ | 88) $90 + 90 =$ _____ |
| 84) $90 + 60 =$ _____ | 89) $90 + 80 =$ _____ |
| 85) $90 + 40 =$ _____ | 90) $90 + 20 =$ _____ |

Difference of 9, -9 and extensions

- | | |
|----------------------|------------------------|
| 41) $14 - 5 =$ _____ | 61) $100 - 10 =$ _____ |
| 42) $9 - 9 =$ _____ | 62) $160 - 90 =$ _____ |
| 43) $13 - 9 =$ _____ | 63) $140 - 50 =$ _____ |
| 44) $13 - 4 =$ _____ | 64) $130 - 90 =$ _____ |
| 45) $16 - 7 =$ _____ | 65) $170 - 80 =$ _____ |
| 46) $15 - 6 =$ _____ | 66) $130 - 90 =$ _____ |
| 47) $18 - 9 =$ _____ | 67) $120 - 90 =$ _____ |
| 48) $15 - 6 =$ _____ | 68) $90 - 90 =$ _____ |
| 49) $18 - 9 =$ _____ | 69) $100 - 10 =$ _____ |
| 50) $17 - 8 =$ _____ | 70) $150 - 90 =$ _____ |
| 51) $14 - 9 =$ _____ | 71) $100 - 90 =$ _____ |
| 52) $16 - 9 =$ _____ | 72) $130 - 40 =$ _____ |
| 53) $16 - 9 =$ _____ | 73) $170 - 80 =$ _____ |
| 54) $14 - 5 =$ _____ | 74) $110 - 90 =$ _____ |
| 55) $16 - 7 =$ _____ | 75) $110 - 20 =$ _____ |
| 56) $10 - 9 =$ _____ | 76) $90 - 90 =$ _____ |
| 57) $15 - 6 =$ _____ | 77) $160 - 70 =$ _____ |
| 58) $13 - 4 =$ _____ | 78) $120 - 90 =$ _____ |
| 59) $13 - 9 =$ _____ | 79) $120 - 30 =$ _____ |
| 60) $11 - 9 =$ _____ | 80) $160 - 70 =$ _____ |

+9 missing number extensions

- | | |
|----------------------|-----------------------|
| 91) _____ + 90 = 100 | 96) _____ + 90 = 110 |
| 92) _____ + 90 = 140 | 97) 80 + 90 = _____ |
| 93) _____ + 90 = 160 | 98) 40 + 90 = _____ |
| 94) 10 + 90 = _____ | 99) 30 + 90 = _____ |
| 95) _____ + 90 = 150 | 100) _____ + 90 = 180 |

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Time:

Score:

+/- 9 Near 10: 8 [D]



$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	------	------	------	--------	---	---	-----

+9

- | | |
|---------------------|---------------------|
| 1) $1 + 9 =$ _____ | 11) $7 + 9 =$ _____ |
| 2) $0 + 9 =$ _____ | 12) $1 + 9 =$ _____ |
| 3) $10 + 9 =$ _____ | 13) $0 + 9 =$ _____ |
| 4) $5 + 9 =$ _____ | 14) $6 + 9 =$ _____ |
| 5) $3 + 9 =$ _____ | 15) $7 + 9 =$ _____ |
| 6) $0 + 9 =$ _____ | 16) $3 + 9 =$ _____ |
| 7) $2 + 9 =$ _____ | 17) $8 + 9 =$ _____ |
| 8) $8 + 9 =$ _____ | 18) $4 + 9 =$ _____ |
| 9) $3 + 9 =$ _____ | 19) $3 + 9 =$ _____ |
| 10) $7 + 9 =$ _____ | 20) $9 + 9 =$ _____ |

+9 Turn arounds and extensions

- | | |
|----------------------|------------------------|
| 21) $9 + 4 =$ _____ | 31) $90 + 40 =$ _____ |
| 22) $9 + 2 =$ _____ | 32) $90 + 30 =$ _____ |
| 23) $9 + 1 =$ _____ | 33) $90 + 60 =$ _____ |
| 24) $9 + 9 =$ _____ | 34) $90 + 50 =$ _____ |
| 25) $9 + 7 =$ _____ | 35) $90 + 30 =$ _____ |
| 26) $9 + 10 =$ _____ | 36) $90 + 40 =$ _____ |
| 27) $9 + 2 =$ _____ | 37) $90 + 80 =$ _____ |
| 28) $9 + 0 =$ _____ | 38) $90 + 10 =$ _____ |
| 29) $9 + 4 =$ _____ | 39) $90 + 100 =$ _____ |
| 30) $9 + 4 =$ _____ | 40) $90 + 20 =$ _____ |

+9 extensions

- | | |
|-----------------------|-----------------------|
| 81) $90 + 20 =$ _____ | 86) $90 + 30 =$ _____ |
| 82) $90 + 70 =$ _____ | 87) $90 + 80 =$ _____ |
| 83) $90 + 90 =$ _____ | 88) $90 + 40 =$ _____ |
| 84) $90 + 40 =$ _____ | 89) $90 + 10 =$ _____ |
| 85) $90 + 60 =$ _____ | 90) $90 + 50 =$ _____ |

Difference of 9, -9 and extensions

- | | |
|----------------------|------------------------|
| 41) $15 - 6 =$ _____ | 61) $130 - 40 =$ _____ |
| 42) $15 - 6 =$ _____ | 62) $150 - 60 =$ _____ |
| 43) $16 - 7 =$ _____ | 63) $130 - 90 =$ _____ |
| 44) $13 - 9 =$ _____ | 64) $100 - 90 =$ _____ |
| 45) $9 - 9 =$ _____ | 65) $110 - 20 =$ _____ |
| 46) $14 - 9 =$ _____ | 66) $120 - 90 =$ _____ |
| 47) $16 - 7 =$ _____ | 67) $130 - 40 =$ _____ |
| 48) $16 - 9 =$ _____ | 68) $180 - 90 =$ _____ |
| 49) $16 - 7 =$ _____ | 69) $180 - 80 =$ _____ |
| 50) $17 - 8 =$ _____ | 70) $160 - 70 =$ _____ |
| 51) $10 - 1 =$ _____ | 71) $100 - 90 =$ _____ |
| 52) $14 - 5 =$ _____ | 72) $110 - 90 =$ _____ |
| 53) $9 - 9 =$ _____ | 73) $130 - 90 =$ _____ |
| 54) $13 - 4 =$ _____ | 74) $120 - 30 =$ _____ |
| 55) $14 - 5 =$ _____ | 75) $170 - 80 =$ _____ |
| 56) $16 - 9 =$ _____ | 76) $130 - 90 =$ _____ |
| 57) $16 - 9 =$ _____ | 77) $170 - 80 =$ _____ |
| 58) $9 - 9 =$ _____ | 78) $110 - 90 =$ _____ |
| 59) $15 - 9 =$ _____ | 79) $140 - 50 =$ _____ |
| 60) $10 - 1 =$ _____ | 80) $120 - 90 =$ _____ |

+9 missing number extensions

- | | |
|----------------------|-----------------------|
| 91) _____ + 90 = 180 | 96) _____ + 90 = 170 |
| 92) _____ + 90 = 100 | 97) 20 + 90 = _____ |
| 93) _____ + 90 = 120 | 98) 50 + 90 = _____ |
| 94) 60 + 90 = _____ | 99) 40 + 90 = _____ |
| 95) _____ + 90 = 160 | 100) _____ + 90 = 100 |

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Time:

Score:

+/- 8 Near 10: 9 [A]



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

+8 (near 10)

- | | |
|---------------------|---------------------|
| 1) $10 + 8 =$ _____ | 11) $7 + 8 =$ _____ |
| 2) $7 + 8 =$ _____ | 12) $4 + 8 =$ _____ |
| 3) $2 + 8 =$ _____ | 13) $3 + 8 =$ _____ |
| 4) $8 + 8 =$ _____ | 14) $4 + 8 =$ _____ |
| 5) $0 + 8 =$ _____ | 15) $9 + 8 =$ _____ |
| 6) $0 + 8 =$ _____ | 16) $6 + 8 =$ _____ |
| 7) $2 + 8 =$ _____ | 17) $2 + 8 =$ _____ |
| 8) $1 + 8 =$ _____ | 18) $8 + 8 =$ _____ |
| 9) $3 + 8 =$ _____ | 19) $7 + 8 =$ _____ |
| 10) $1 + 8 =$ _____ | 20) $5 + 8 =$ _____ |

Turn arounds

- | | |
|---------------------|---------------------|
| 21) $8 + 8 =$ _____ | 31) $8 + 3 =$ _____ |
| 22) $8 + 3 =$ _____ | 32) $8 + 5 =$ _____ |
| 23) $8 + 3 =$ _____ | 33) $8 + 5 =$ _____ |
| 24) $8 + 6 =$ _____ | 34) $8 + 3 =$ _____ |
| 25) $8 + 1 =$ _____ | 35) $8 + 9 =$ _____ |
| 26) $8 + 5 =$ _____ | 36) $8 + 2 =$ _____ |
| 27) $8 + 7 =$ _____ | 37) $8 + 5 =$ _____ |
| 28) $8 + 6 =$ _____ | 38) $8 + 7 =$ _____ |
| 29) $8 + 9 =$ _____ | 39) $8 + 6 =$ _____ |
| 30) $8 + 6 =$ _____ | 40) $8 + 4 =$ _____ |

+8 extensions

- | | |
|------------------------|-----------------------|
| 81) $70 + 80 =$ _____ | 86) $60 + 80 =$ _____ |
| 82) $100 + 80 =$ _____ | 87) $80 + 80 =$ _____ |
| 83) $10 + 80 =$ _____ | 88) $90 + 80 =$ _____ |
| 84) $40 + 80 =$ _____ | 89) $30 + 80 =$ _____ |
| 85) $20 + 80 =$ _____ | 90) $50 + 80 =$ _____ |

Difference of 8, -8

- | | |
|-----------------------|----------------------|
| 41) $9 - 8 =$ _____ | 61) $10 - 8 =$ _____ |
| 42) $12 - 8 =$ _____ | 62) $10 - 2 =$ _____ |
| 43) $13 - 5 =$ _____ | 63) $9 - 8 =$ _____ |
| 44) $9 - 1 =$ _____ | 64) $11 - 3 =$ _____ |
| 45) $14 - 8 =$ _____ | 65) $10 - 2 =$ _____ |
| 46) $17 - 9 =$ _____ | 66) $15 - 7 =$ _____ |
| 47) $13 - 5 =$ _____ | 67) $15 - 8 =$ _____ |
| 48) $8 - 8 =$ _____ | 68) $11 - 8 =$ _____ |
| 49) $16 - 8 =$ _____ | 69) $12 - 4 =$ _____ |
| 50) $10 - 2 =$ _____ | 70) $15 - 7 =$ _____ |
| 51) $8 - 8 =$ _____ | 71) $13 - 5 =$ _____ |
| 52) $15 - 8 =$ _____ | 72) $14 - 8 =$ _____ |
| 53) $16 - 8 =$ _____ | 73) $17 - 8 =$ _____ |
| 54) $14 - 8 =$ _____ | 74) $13 - 5 =$ _____ |
| 55) $8 - 8 =$ _____ | 75) $12 - 4 =$ _____ |
| 56) $10 - 8 =$ _____ | 76) $12 - 4 =$ _____ |
| 57) $11 - 8 =$ _____ | 77) $17 - 9 =$ _____ |
| 58) $16 - 8 =$ _____ | 78) $13 - 5 =$ _____ |
| 59) $18 - 10 =$ _____ | 79) $11 - 3 =$ _____ |
| 60) $12 - 4 =$ _____ | 80) $8 - 0 =$ _____ |

+8 missing number extensions

- | | |
|-----------------------|------------------------|
| 91) $60 + 80 =$ _____ | 96) $100 + 80 =$ _____ |
| 92) $30 + 80 =$ _____ | 97) $50 + 80 =$ _____ |
| 93) $80 + 80 =$ _____ | 98) $90 + 80 =$ _____ |
| 94) $20 + 80 =$ _____ | 99) $70 + 80 =$ _____ |
| 95) $40 + 80 =$ _____ | 100) $10 + 80 =$ _____ |

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Time:

Score:

+/- 8 Near 10: 9 [B]



+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

+8 (near 10)

- | | |
|---------------------|----------------------|
| 1) $4 + 8 =$ _____ | 11) $7 + 8 =$ _____ |
| 2) $4 + 8 =$ _____ | 12) $5 + 8 =$ _____ |
| 3) $0 + 8 =$ _____ | 13) $1 + 8 =$ _____ |
| 4) $9 + 8 =$ _____ | 14) $10 + 8 =$ _____ |
| 5) $8 + 8 =$ _____ | 15) $7 + 8 =$ _____ |
| 6) $2 + 8 =$ _____ | 16) $6 + 8 =$ _____ |
| 7) $7 + 8 =$ _____ | 17) $0 + 8 =$ _____ |
| 8) $2 + 8 =$ _____ | 18) $1 + 8 =$ _____ |
| 9) $8 + 8 =$ _____ | 19) $3 + 8 =$ _____ |
| 10) $3 + 8 =$ _____ | 20) $2 + 8 =$ _____ |

Turn arounds

- | | |
|---------------------|---------------------|
| 21) $8 + 1 =$ _____ | 31) $8 + 3 =$ _____ |
| 22) $8 + 5 =$ _____ | 32) $8 + 5 =$ _____ |
| 23) $8 + 6 =$ _____ | 33) $8 + 3 =$ _____ |
| 24) $8 + 3 =$ _____ | 34) $8 + 7 =$ _____ |
| 25) $8 + 9 =$ _____ | 35) $8 + 9 =$ _____ |
| 26) $8 + 6 =$ _____ | 36) $8 + 8 =$ _____ |
| 27) $8 + 6 =$ _____ | 37) $8 + 5 =$ _____ |
| 28) $8 + 3 =$ _____ | 38) $8 + 2 =$ _____ |
| 29) $8 + 4 =$ _____ | 39) $8 + 6 =$ _____ |
| 30) $8 + 5 =$ _____ | 40) $8 + 7 =$ _____ |

+8 extensions

- | | |
|------------------------|-----------------------|
| 81) $50 + 80 =$ _____ | 86) $80 + 80 =$ _____ |
| 82) $20 + 80 =$ _____ | 87) $60 + 80 =$ _____ |
| 83) $40 + 80 =$ _____ | 88) $70 + 80 =$ _____ |
| 84) $10 + 80 =$ _____ | 89) $90 + 80 =$ _____ |
| 85) $100 + 80 =$ _____ | 90) $30 + 80 =$ _____ |

Difference of 8, -8

- | | |
|-----------------------|----------------------|
| 41) $12 - 4 =$ _____ | 61) $8 - 8 =$ _____ |
| 42) $16 - 8 =$ _____ | 62) $14 - 8 =$ _____ |
| 43) $18 - 10 =$ _____ | 63) $8 - 8 =$ _____ |
| 44) $12 - 8 =$ _____ | 64) $13 - 5 =$ _____ |
| 45) $15 - 8 =$ _____ | 65) $14 - 8 =$ _____ |
| 46) $12 - 4 =$ _____ | 66) $10 - 8 =$ _____ |
| 47) $16 - 8 =$ _____ | 67) $10 - 2 =$ _____ |
| 48) $12 - 4 =$ _____ | 68) $13 - 5 =$ _____ |
| 49) $13 - 5 =$ _____ | 69) $17 - 9 =$ _____ |
| 50) $8 - 0 =$ _____ | 70) $15 - 7 =$ _____ |
| 51) $13 - 5 =$ _____ | 71) $17 - 8 =$ _____ |
| 52) $10 - 8 =$ _____ | 72) $11 - 8 =$ _____ |
| 53) $11 - 8 =$ _____ | 73) $16 - 8 =$ _____ |
| 54) $9 - 1 =$ _____ | 74) $9 - 8 =$ _____ |
| 55) $15 - 7 =$ _____ | 75) $10 - 2 =$ _____ |
| 56) $14 - 8 =$ _____ | 76) $11 - 3 =$ _____ |
| 57) $8 - 8 =$ _____ | 77) $11 - 3 =$ _____ |
| 58) $15 - 8 =$ _____ | 78) $12 - 4 =$ _____ |
| 59) $9 - 8 =$ _____ | 79) $17 - 9 =$ _____ |
| 60) $10 - 2 =$ _____ | 80) $13 - 5 =$ _____ |

+8 missing number extensions

- | | |
|-----------------------|-------------------------|
| 91) $70 + 80 =$ _____ | 96) $30 + 80 =$ _____ |
| 92) $50 + 80 =$ _____ | 97) $80 + 80 =$ _____ |
| 93) $60 + 80 =$ _____ | 98) $90 + 80 =$ _____ |
| 94) $20 + 80 =$ _____ | 99) $10 + 80 =$ _____ |
| 95) $40 + 80 =$ _____ | 100) $100 + 80 =$ _____ |

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Time:

Score:

+/- 8 Near 10: 9 [C]



$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	------	------	------	--------	---	---	-----

+8 (near 10)

- | | |
|---------------------|---------------------|
| 1) $4 + 8 =$ _____ | 11) $1 + 8 =$ _____ |
| 2) $4 + 8 =$ _____ | 12) $2 + 8 =$ _____ |
| 3) $7 + 8 =$ _____ | 13) $3 + 8 =$ _____ |
| 4) $3 + 8 =$ _____ | 14) $8 + 8 =$ _____ |
| 5) $0 + 8 =$ _____ | 15) $0 + 8 =$ _____ |
| 6) $2 + 8 =$ _____ | 16) $7 + 8 =$ _____ |
| 7) $6 + 8 =$ _____ | 17) $8 + 8 =$ _____ |
| 8) $7 + 8 =$ _____ | 18) $5 + 8 =$ _____ |
| 9) $10 + 8 =$ _____ | 19) $9 + 8 =$ _____ |
| 10) $1 + 8 =$ _____ | 20) $2 + 8 =$ _____ |

Turn arounds and extensions

- | | |
|---------------------|-----------------------|
| 21) $8 + 3 =$ _____ | 31) $80 + 30 =$ _____ |
| 22) $8 + 6 =$ _____ | 32) $80 + 20 =$ _____ |
| 23) $8 + 9 =$ _____ | 33) $80 + 10 =$ _____ |
| 24) $8 + 5 =$ _____ | 34) $80 + 60 =$ _____ |
| 25) $8 + 7 =$ _____ | 35) $80 + 80 =$ _____ |
| 26) $8 + 2 =$ _____ | 36) $80 + 60 =$ _____ |
| 27) $8 + 9 =$ _____ | 37) $80 + 40 =$ _____ |
| 28) $8 + 6 =$ _____ | 38) $80 + 50 =$ _____ |
| 29) $8 + 5 =$ _____ | 39) $80 + 70 =$ _____ |
| 30) $8 + 5 =$ _____ | 40) $80 + 30 =$ _____ |

+8 extensions

- | | |
|-----------------------|------------------------|
| 81) $20 + 80 =$ _____ | 86) $60 + 80 =$ _____ |
| 82) $40 + 80 =$ _____ | 87) $10 + 80 =$ _____ |
| 83) $70 + 80 =$ _____ | 88) $100 + 80 =$ _____ |
| 84) $80 + 80 =$ _____ | 89) $30 + 80 =$ _____ |
| 85) $50 + 80 =$ _____ | 90) $90 + 80 =$ _____ |

Difference of 8, -8 and extensions

- | | |
|----------------------|-------------------------|
| 41) $15 - 7 =$ _____ | 61) $120 - 40 =$ _____ |
| 42) $17 - 9 =$ _____ | 62) $170 - 80 =$ _____ |
| 43) $10 - 2 =$ _____ | 63) $150 - 70 =$ _____ |
| 44) $13 - 5 =$ _____ | 64) $100 - 80 =$ _____ |
| 45) $12 - 8 =$ _____ | 65) $80 - 80 =$ _____ |
| 46) $14 - 8 =$ _____ | 66) $110 - 80 =$ _____ |
| 47) $13 - 5 =$ _____ | 67) $160 - 80 =$ _____ |
| 48) $15 - 8 =$ _____ | 68) $180 - 100 =$ _____ |
| 49) $10 - 8 =$ _____ | 69) $170 - 90 =$ _____ |
| 50) $8 - 8 =$ _____ | 70) $110 - 30 =$ _____ |
| 51) $11 - 3 =$ _____ | 71) $130 - 50 =$ _____ |
| 52) $8 - 8 =$ _____ | 72) $140 - 80 =$ _____ |
| 53) $10 - 2 =$ _____ | 73) $110 - 80 =$ _____ |
| 54) $12 - 4 =$ _____ | 74) $140 - 80 =$ _____ |
| 55) $13 - 5 =$ _____ | 75) $120 - 40 =$ _____ |
| 56) $12 - 4 =$ _____ | 76) $130 - 50 =$ _____ |
| 57) $8 - 0 =$ _____ | 77) $90 - 80 =$ _____ |
| 58) $15 - 8 =$ _____ | 78) $90 - 10 =$ _____ |
| 59) $16 - 8 =$ _____ | 79) $90 - 80 =$ _____ |
| 60) $10 - 2 =$ _____ | 80) $160 - 80 =$ _____ |

+8 missing number extensions

- | | |
|-----------------------|------------------------|
| 91) $70 + 80 =$ _____ | 96) $50 + 80 =$ _____ |
| 92) $40 + 80 =$ _____ | 97) $10 + 80 =$ _____ |
| 93) $30 + 80 =$ _____ | 98) $100 + 80 =$ _____ |
| 94) $90 + 80 =$ _____ | 99) $80 + 80 =$ _____ |
| 95) $60 + 80 =$ _____ | 100) $20 + 80 =$ _____ |

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Time:

Score:

+/- 8 Near 10: 9 [D]



+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

+8 (near 10)

- | | |
|---------------------|---------------------|
| 1) $10 + 8 =$ _____ | 11) $8 + 8 =$ _____ |
| 2) $0 + 8 =$ _____ | 12) $2 + 8 =$ _____ |
| 3) $7 + 8 =$ _____ | 13) $2 + 8 =$ _____ |
| 4) $6 + 8 =$ _____ | 14) $5 + 8 =$ _____ |
| 5) $7 + 8 =$ _____ | 15) $0 + 8 =$ _____ |
| 6) $7 + 8 =$ _____ | 16) $1 + 8 =$ _____ |
| 7) $4 + 8 =$ _____ | 17) $9 + 8 =$ _____ |
| 8) $3 + 8 =$ _____ | 18) $3 + 8 =$ _____ |
| 9) $4 + 8 =$ _____ | 19) $1 + 8 =$ _____ |
| 10) $8 + 8 =$ _____ | 20) $2 + 8 =$ _____ |

Turn arounds and extensions

- | | |
|---------------------|-----------------------|
| 21) $8 + 7 =$ _____ | 31) $80 + 90 =$ _____ |
| 22) $8 + 5 =$ _____ | 32) $80 + 30 =$ _____ |
| 23) $8 + 6 =$ _____ | 33) $80 + 70 =$ _____ |
| 24) $8 + 5 =$ _____ | 34) $80 + 60 =$ _____ |
| 25) $8 + 8 =$ _____ | 35) $80 + 30 =$ _____ |
| 26) $8 + 4 =$ _____ | 36) $80 + 30 =$ _____ |
| 27) $8 + 5 =$ _____ | 37) $80 + 30 =$ _____ |
| 28) $8 + 6 =$ _____ | 38) $80 + 90 =$ _____ |
| 29) $8 + 6 =$ _____ | 39) $80 + 20 =$ _____ |
| 30) $8 + 5 =$ _____ | 40) $80 + 10 =$ _____ |

+8 extensions

- | | |
|------------------------|-----------------------|
| 81) $70 + 80 =$ _____ | 86) $60 + 80 =$ _____ |
| 82) $100 + 80 =$ _____ | 87) $80 + 80 =$ _____ |
| 83) $10 + 80 =$ _____ | 88) $90 + 80 =$ _____ |
| 84) $40 + 80 =$ _____ | 89) $30 + 80 =$ _____ |
| 85) $20 + 80 =$ _____ | 90) $50 + 80 =$ _____ |

Difference of 8, -8 and extensions

- | | |
|-----------------------|------------------------|
| 41) $11 - 3 =$ _____ | 61) $110 - 80 =$ _____ |
| 42) $18 - 10 =$ _____ | 62) $100 - 80 =$ _____ |
| 43) $13 - 5 =$ _____ | 63) $130 - 50 =$ _____ |
| 44) $13 - 5 =$ _____ | 64) $120 - 40 =$ _____ |
| 45) $16 - 8 =$ _____ | 65) $90 - 80 =$ _____ |
| 46) $8 - 8 =$ _____ | 66) $140 - 80 =$ _____ |
| 47) $9 - 1 =$ _____ | 67) $120 - 80 =$ _____ |
| 48) $15 - 8 =$ _____ | 68) $170 - 90 =$ _____ |
| 49) $17 - 8 =$ _____ | 69) $160 - 80 =$ _____ |
| 50) $15 - 8 =$ _____ | 70) $120 - 40 =$ _____ |
| 51) $14 - 8 =$ _____ | 71) $80 - 80 =$ _____ |
| 52) $13 - 5 =$ _____ | 72) $100 - 20 =$ _____ |
| 53) $8 - 8 =$ _____ | 73) $130 - 50 =$ _____ |
| 54) $12 - 4 =$ _____ | 74) $120 - 40 =$ _____ |
| 55) $8 - 0 =$ _____ | 75) $150 - 70 =$ _____ |
| 56) $10 - 8 =$ _____ | 76) $140 - 80 =$ _____ |
| 57) $16 - 8 =$ _____ | 77) $100 - 20 =$ _____ |
| 58) $9 - 8 =$ _____ | 78) $110 - 80 =$ _____ |
| 59) $17 - 9 =$ _____ | 79) $100 - 20 =$ _____ |
| 60) $11 - 3 =$ _____ | 80) $150 - 70 =$ _____ |

+8 missing number extensions

- | | |
|-----------------------|------------------------|
| 91) $60 + 80 =$ _____ | 96) $100 + 80 =$ _____ |
| 92) $30 + 80 =$ _____ | 97) $50 + 80 =$ _____ |
| 93) $80 + 80 =$ _____ | 98) $90 + 80 =$ _____ |
| 94) $20 + 80 =$ _____ | 99) $70 + 80 =$ _____ |
| 95) $40 + 80 =$ _____ | 100) $10 + 80 =$ _____ |

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Time:

Score:

Remaining Facts & Revision: 10 [A]



$\bar{+}$ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Remaining addition facts (4+7) (5+7)

- | | |
|--------------------|---------------------|
| 1) $7 + 5 =$ _____ | 6) $5 + 7 =$ _____ |
| 2) $5 + 7 =$ _____ | 7) $7 + 5 =$ _____ |
| 3) $5 + 7 =$ _____ | 8) $7 + 4 =$ _____ |
| 4) $7 + 4 =$ _____ | 9) $4 + 7 =$ _____ |
| 5) $7 + 4 =$ _____ | 10) $4 + 7 =$ _____ |

Related remaining subtraction facts

- | | |
|----------------------|----------------------|
| 11) $11 - 7 =$ _____ | 16) $12 - 7 =$ _____ |
| 12) $12 - 7 =$ _____ | 17) $11 - 7 =$ _____ |
| 13) $11 - 7 =$ _____ | 18) $11 - 7 =$ _____ |
| 14) $12 - 7 =$ _____ | 19) $12 - 7 =$ _____ |
| 15) $11 - 7 =$ _____ | 20) $11 - 7 =$ _____ |

Missing number revision

- | | |
|----------------------------------|----------------------------------|
| 21) $\underline{\quad} + 2 = 9$ | 36) $4 + 5 =$ _____ |
| 22) $\underline{\quad} + 2 = 6$ | 37) $\underline{\quad} + 8 = 12$ |
| 23) $\underline{\quad} + 8 = 15$ | 38) $\underline{\quad} + 6 = 11$ |
| 24) $\underline{\quad} + 3 = 7$ | 39) $7 + 5 =$ _____ |
| 25) $3 + 4 =$ _____ | 40) $7 + 4 =$ _____ |
| 26) $9 + \underline{\quad} = 18$ | 41) $7 + 3 =$ _____ |
| 27) $5 + 10 =$ _____ | 42) $8 + \underline{\quad} = 16$ |
| 28) $9 + 2 =$ _____ | 43) $8 + \underline{\quad} = 15$ |
| 29) $6 + \underline{\quad} = 13$ | 44) $7 + \underline{\quad} = 14$ |
| 30) $3 + 8 =$ _____ | 45) $6 + 6 =$ _____ |
| 31) $\underline{\quad} + 9 = 12$ | 46) $\underline{\quad} + 7 = 16$ |
| 32) $4 + \underline{\quad} = 10$ | 47) $8 + 6 =$ _____ |
| 33) $7 + \underline{\quad} = 16$ | 48) $5 + \underline{\quad} = 9$ |
| 34) $8 + 2 =$ _____ | 49) $3 + \underline{\quad} = 8$ |
| 35) $\underline{\quad} + 4 = 13$ | 50) $\underline{\quad} + 8 = 17$ |

Addition revision

- | | |
|---------------------|---------------------|
| 51) $5 + 9 =$ _____ | 66) $6 + 4 =$ _____ |
| 52) $4 + 8 =$ _____ | 67) $6 + 6 =$ _____ |
| 53) $9 + 6 =$ _____ | 68) $6 + 9 =$ _____ |
| 54) $9 + 9 =$ _____ | 69) $9 + 7 =$ _____ |
| 55) $9 + 5 =$ _____ | 70) $3 + 9 =$ _____ |
| 56) $4 + 4 =$ _____ | 71) $5 + 6 =$ _____ |
| 57) $5 + 4 =$ _____ | 72) $5 + 5 =$ _____ |
| 58) $3 + 8 =$ _____ | 73) $9 + 4 =$ _____ |
| 59) $2 + 5 =$ _____ | 74) $6 + 5 =$ _____ |
| 60) $3 + 4 =$ _____ | 75) $3 + 6 =$ _____ |
| 61) $2 + 8 =$ _____ | 76) $2 + 7 =$ _____ |
| 62) $7 + 6 =$ _____ | 77) $6 + 7 =$ _____ |
| 63) $4 + 9 =$ _____ | 78) $8 + 4 =$ _____ |
| 64) $8 + 9 =$ _____ | 79) $7 + 5 =$ _____ |
| 65) $3 + 5 =$ _____ | 80) $8 + 5 =$ _____ |

Subtraction revision extensions

- | | |
|------------------------|-------------------------|
| 81) $140 - 70 =$ _____ | 91) $170 - 80 =$ _____ |
| 82) $180 - 90 =$ _____ | 92) $60 - 40 =$ _____ |
| 83) $130 - 50 =$ _____ | 93) $40 - 20 =$ _____ |
| 84) $160 - 70 =$ _____ | 94) $150 - 90 =$ _____ |
| 85) $130 - 70 =$ _____ | 95) $60 - 20 =$ _____ |
| 86) $120 - 50 =$ _____ | 96) $120 - 60 =$ _____ |
| 87) $100 - 30 =$ _____ | 97) $110 - 80 =$ _____ |
| 88) $90 - 30 =$ _____ | 98) $110 - 50 =$ _____ |
| 89) $70 - 20 =$ _____ | 99) $110 - 40 =$ _____ |
| 90) $80 - 50 =$ _____ | 100) $150 - 60 =$ _____ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Once the previous recommended strategies have been learned, there are just two pairs of addition facts which remain: 7+4 and 7+5, and their turnaround facts. These facts can be learned as special cases, and students can be encouraged to think of related facts that help to memorize them. For example, 7+4 is just one more than the rainbow fact 7+3. A pair of ten frames can be used to illustrate 7+5, which will show that this sum is the same as double five plus two, or 12. The remainder of this worksheet includes revision of all strategies from previous worksheet sets.

Time:

Score:

Remaining Facts & Revision: 10 [B]



$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	------	------	------	--------	---	---	-----

Remaining addition facts (4+7) (5+7)

- | | |
|--------------------|---------------------|
| 1) $5 + 7 =$ _____ | 6) $7 + 4 =$ _____ |
| 2) $4 + 7 =$ _____ | 7) $7 + 4 =$ _____ |
| 3) $4 + 7 =$ _____ | 8) $7 + 4 =$ _____ |
| 4) $7 + 5 =$ _____ | 9) $5 + 7 =$ _____ |
| 5) $7 + 5 =$ _____ | 10) $5 + 7 =$ _____ |

Related remaining subtraction facts

- | | |
|----------------------|----------------------|
| 11) $11 - 7 =$ _____ | 16) $11 - 7 =$ _____ |
| 12) $11 - 7 =$ _____ | 17) $11 - 7 =$ _____ |
| 13) $12 - 7 =$ _____ | 18) $12 - 7 =$ _____ |
| 14) $12 - 7 =$ _____ | 19) $12 - 7 =$ _____ |
| 15) $11 - 7 =$ _____ | 20) $11 - 7 =$ _____ |

Missing number revision

- | | |
|----------------------------------|----------------------------------|
| 21) $\underline{\quad} + 9 = 18$ | 36) $9 + 4 =$ _____ |
| 22) $\underline{\quad} + 8 = 11$ | 37) $\underline{\quad} + 3 = 10$ |
| 23) $\underline{\quad} + 5 = 9$ | 38) $\underline{\quad} + 6 = 12$ |
| 24) $\underline{\quad} + 8 = 16$ | 39) $8 + 6 =$ _____ |
| 25) $9 + 2 =$ _____ | 40) $5 + 6 =$ _____ |
| 26) $7 + \underline{\quad} = 12$ | 41) $4 + 6 =$ _____ |
| 27) $4 + 8 =$ _____ | 42) $5 + \underline{\quad} = 15$ |
| 28) $8 + 2 =$ _____ | 43) $9 + \underline{\quad} = 17$ |
| 29) $5 + \underline{\quad} = 9$ | 44) $3 + \underline{\quad} = 12$ |
| 30) $9 + 7 =$ _____ | 45) $7 + 8 =$ _____ |
| 31) $\underline{\quad} + 2 = 6$ | 46) $\underline{\quad} + 4 = 11$ |
| 32) $7 + \underline{\quad} = 9$ | 47) $3 + 5 =$ _____ |
| 33) $7 + \underline{\quad} = 14$ | 48) $6 + \underline{\quad} = 13$ |
| 34) $8 + 7 =$ _____ | 49) $4 + \underline{\quad} = 7$ |
| 35) $\underline{\quad} + 9 = 16$ | 50) $\underline{\quad} + 4 = 7$ |

Addition revision

- | | |
|---------------------|---------------------|
| 51) $9 + 4 =$ _____ | 66) $5 + 4 =$ _____ |
| 52) $9 + 5 =$ _____ | 67) $7 + 5 =$ _____ |
| 53) $3 + 5 =$ _____ | 68) $3 + 9 =$ _____ |
| 54) $2 + 8 =$ _____ | 69) $8 + 5 =$ _____ |
| 55) $5 + 6 =$ _____ | 70) $3 + 6 =$ _____ |
| 56) $5 + 5 =$ _____ | 71) $2 + 5 =$ _____ |
| 57) $3 + 8 =$ _____ | 72) $6 + 6 =$ _____ |
| 58) $6 + 5 =$ _____ | 73) $4 + 4 =$ _____ |
| 59) $6 + 7 =$ _____ | 74) $4 + 9 =$ _____ |
| 60) $6 + 9 =$ _____ | 75) $2 + 7 =$ _____ |
| 61) $7 + 6 =$ _____ | 76) $4 + 8 =$ _____ |
| 62) $8 + 4 =$ _____ | 77) $5 + 9 =$ _____ |
| 63) $6 + 4 =$ _____ | 78) $9 + 6 =$ _____ |
| 64) $8 + 9 =$ _____ | 79) $9 + 7 =$ _____ |
| 65) $9 + 9 =$ _____ | 80) $3 + 4 =$ _____ |

Subtraction revision extensions

- | | |
|------------------------|-------------------------|
| 81) $60 - 20 =$ _____ | 91) $150 - 90 =$ _____ |
| 82) $150 - 70 =$ _____ | 92) $110 - 80 =$ _____ |
| 83) $130 - 70 =$ _____ | 93) $130 - 60 =$ _____ |
| 84) $130 - 50 =$ _____ | 94) $70 - 20 =$ _____ |
| 85) $120 - 50 =$ _____ | 95) $110 - 50 =$ _____ |
| 86) $150 - 70 =$ _____ | 96) $100 - 30 =$ _____ |
| 87) $110 - 40 =$ _____ | 97) $60 - 40 =$ _____ |
| 88) $170 - 80 =$ _____ | 98) $180 - 90 =$ _____ |
| 89) $80 - 50 =$ _____ | 99) $90 - 30 =$ _____ |
| 90) $40 - 20 =$ _____ | 100) $150 - 60 =$ _____ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Once the previous recommended strategies have been learned, there are just two pairs of addition facts which remain: 7+4 and 7+5, and their turnaround facts. These facts can be learned as special cases, and students can be encouraged to think of related facts that help to memorize them. For example, 7+4 is just one more than the rainbow fact 7+3. A pair of ten frames can be used to illustrate 7+5, which will show that this sum is the same as double five plus two, or 12. The remainder of this worksheet includes revision of all strategies from previous worksheet sets.

Time:

Score:

Remaining Facts & Revision: 10 [C]



$\bar{+}$ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Remaining addition facts (4+7) (5+7)

- | | |
|--------------------|---------------------|
| 1) $4 + 7 =$ _____ | 6) $5 + 7 =$ _____ |
| 2) $5 + 7 =$ _____ | 7) $7 + 5 =$ _____ |
| 3) $7 + 4 =$ _____ | 8) $7 + 4 =$ _____ |
| 4) $7 + 4 =$ _____ | 9) $7 + 5 =$ _____ |
| 5) $4 + 7 =$ _____ | 10) $5 + 7 =$ _____ |

Related remaining subtraction facts

- | | |
|----------------------|----------------------|
| 11) $11 - 7 =$ _____ | 16) $12 - 7 =$ _____ |
| 12) $12 - 7 =$ _____ | 17) $11 - 7 =$ _____ |
| 13) $11 - 7 =$ _____ | 18) $11 - 7 =$ _____ |
| 14) $11 - 7 =$ _____ | 19) $11 - 7 =$ _____ |
| 15) $12 - 7 =$ _____ | 20) $12 - 7 =$ _____ |

Missing number revision

- | | |
|----------------------|----------------------|
| 21) _____ + 2 = 6 | 36) $7 + 3 =$ _____ |
| 22) _____ + 9 = 12 | 37) _____ + 4 = 11 |
| 23) _____ + 6 = 10 | 38) _____ + 10 = 15 |
| 24) _____ + 2 = 9 | 39) $3 + 8 =$ _____ |
| 25) $7 + 7 =$ _____ | 40) $8 + 7 =$ _____ |
| 26) $4 +$ _____ = 9 | 41) $8 + 8 =$ _____ |
| 27) $9 + 8 =$ _____ | 42) $9 +$ _____ = 16 |
| 28) $6 + 7 =$ _____ | 43) $9 +$ _____ = 18 |
| 29) $8 +$ _____ = 14 | 44) $5 +$ _____ = 9 |
| 30) $4 + 3 =$ _____ | 45) $8 + 2 =$ _____ |
| 31) _____ + 9 = 16 | 46) _____ + 5 = 8 |
| 32) $6 +$ _____ = 12 | 47) $7 + 8 =$ _____ |
| 33) $9 +$ _____ = 11 | 48) $4 +$ _____ = 12 |
| 34) $7 + 5 =$ _____ | 49) $9 +$ _____ = 13 |
| 35) _____ + 6 = 11 | 50) _____ + 4 = 7 |

Addition revision

- | | |
|---------------------|---------------------|
| 51) $7 + 5 =$ _____ | 66) $3 + 5 =$ _____ |
| 52) $4 + 9 =$ _____ | 67) $6 + 7 =$ _____ |
| 53) $3 + 6 =$ _____ | 68) $6 + 6 =$ _____ |
| 54) $3 + 8 =$ _____ | 69) $5 + 5 =$ _____ |
| 55) $6 + 5 =$ _____ | 70) $5 + 4 =$ _____ |
| 56) $9 + 7 =$ _____ | 71) $5 + 9 =$ _____ |
| 57) $9 + 5 =$ _____ | 72) $9 + 9 =$ _____ |
| 58) $3 + 9 =$ _____ | 73) $5 + 6 =$ _____ |
| 59) $8 + 5 =$ _____ | 74) $8 + 4 =$ _____ |
| 60) $6 + 4 =$ _____ | 75) $2 + 7 =$ _____ |
| 61) $2 + 5 =$ _____ | 76) $4 + 4 =$ _____ |
| 62) $7 + 6 =$ _____ | 77) $2 + 8 =$ _____ |
| 63) $9 + 6 =$ _____ | 78) $4 + 8 =$ _____ |
| 64) $9 + 4 =$ _____ | 79) $6 + 9 =$ _____ |
| 65) $8 + 9 =$ _____ | 80) $3 + 4 =$ _____ |

Subtraction revision extensions

- | | |
|------------------------|-------------------------|
| 81) $130 - 50 =$ _____ | 91) $170 - 80 =$ _____ |
| 82) $60 - 20 =$ _____ | 92) $130 - 60 =$ _____ |
| 83) $120 - 50 =$ _____ | 93) $70 - 20 =$ _____ |
| 84) $40 - 20 =$ _____ | 94) $150 - 60 =$ _____ |
| 85) $110 - 50 =$ _____ | 95) $90 - 30 =$ _____ |
| 86) $180 - 90 =$ _____ | 96) $150 - 70 =$ _____ |
| 87) $100 - 30 =$ _____ | 97) $110 - 80 =$ _____ |
| 88) $150 - 70 =$ _____ | 98) $110 - 40 =$ _____ |
| 89) $60 - 40 =$ _____ | 99) $150 - 90 =$ _____ |
| 90) $80 - 50 =$ _____ | 100) $130 - 70 =$ _____ |

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Time:

Score:

Remaining Facts & Revision: 10 [D]



$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	------	------	------	--------	---	---	-----

Remaining addition facts (4+7) (5+7)

- | | |
|--------------------|---------------------|
| 1) $7 + 4 =$ _____ | 6) $7 + 5 =$ _____ |
| 2) $4 + 7 =$ _____ | 7) $5 + 7 =$ _____ |
| 3) $5 + 7 =$ _____ | 8) $7 + 4 =$ _____ |
| 4) $7 + 5 =$ _____ | 9) $7 + 4 =$ _____ |
| 5) $5 + 7 =$ _____ | 10) $4 + 7 =$ _____ |

Related remaining subtraction facts

- | | |
|----------------------|----------------------|
| 11) $12 - 7 =$ _____ | 16) $12 - 7 =$ _____ |
| 12) $11 - 7 =$ _____ | 17) $12 - 7 =$ _____ |
| 13) $11 - 7 =$ _____ | 18) $12 - 7 =$ _____ |
| 14) $11 - 7 =$ _____ | 19) $11 - 7 =$ _____ |
| 15) $11 - 7 =$ _____ | 20) $11 - 7 =$ _____ |

Missing number revision

- | | |
|----------------------------------|-----------------------------------|
| 21) $\underline{\quad} + 7 = 13$ | 36) $\underline{\quad} + 3 = 10$ |
| 22) $3 + \underline{\quad} = 8$ | 37) $7 + \underline{\quad} = 9$ |
| 23) $4 + 9 = \underline{\quad}$ | 38) $3 + \underline{\quad} = 13$ |
| 24) $\underline{\quad} + 4 = 13$ | 39) $7 + \underline{\quad} = 12$ |
| 25) $7 + \underline{\quad} = 15$ | 40) $\underline{\quad} + 5 = 10$ |
| 26) $\underline{\quad} + 7 = 12$ | 41) $\underline{\quad} + 10 = 16$ |
| 27) $\underline{\quad} + 2 = 5$ | 42) $8 + 7 = \underline{\quad}$ |
| 28) $9 + 8 = \underline{\quad}$ | 43) $4 + 4 = \underline{\quad}$ |
| 29) $\underline{\quad} + 4 = 11$ | 44) $7 + 9 = \underline{\quad}$ |
| 30) $7 + 10 = \underline{\quad}$ | 45) $6 + \underline{\quad} = 15$ |
| 31) $4 + \underline{\quad} = 11$ | 46) $6 + \underline{\quad} = 9$ |
| 32) $\underline{\quad} + 4 = 10$ | 47) $5 + \underline{\quad} = 13$ |
| 33) $3 + \underline{\quad} = 10$ | 48) $4 + \underline{\quad} = 6$ |
| 34) $3 + 6 = \underline{\quad}$ | 49) $4 + 5 = \underline{\quad}$ |
| 35) $3 + 4 = \underline{\quad}$ | 50) $8 + \underline{\quad} = 14$ |

Addition revision

- | | |
|---------------------|---------------------|
| 51) $3 + 9 =$ _____ | 66) $3 + 5 =$ _____ |
| 52) $6 + 4 =$ _____ | 67) $7 + 5 =$ _____ |
| 53) $2 + 8 =$ _____ | 68) $6 + 5 =$ _____ |
| 54) $5 + 4 =$ _____ | 69) $6 + 9 =$ _____ |
| 55) $6 + 6 =$ _____ | 70) $8 + 5 =$ _____ |
| 56) $5 + 5 =$ _____ | 71) $8 + 9 =$ _____ |
| 57) $9 + 4 =$ _____ | 72) $9 + 9 =$ _____ |
| 58) $7 + 6 =$ _____ | 73) $3 + 8 =$ _____ |
| 59) $8 + 4 =$ _____ | 74) $4 + 9 =$ _____ |
| 60) $4 + 4 =$ _____ | 75) $4 + 8 =$ _____ |
| 61) $9 + 5 =$ _____ | 76) $6 + 7 =$ _____ |
| 62) $3 + 4 =$ _____ | 77) $2 + 5 =$ _____ |
| 63) $9 + 6 =$ _____ | 78) $5 + 9 =$ _____ |
| 64) $9 + 7 =$ _____ | 79) $2 + 7 =$ _____ |
| 65) $3 + 6 =$ _____ | 80) $5 + 6 =$ _____ |

Subtraction revision extensions

- | | |
|------------------------|-------------------------|
| 81) $60 - 20 =$ _____ | 91) $150 - 90 =$ _____ |
| 82) $150 - 60 =$ _____ | 92) $130 - 70 =$ _____ |
| 83) $110 - 40 =$ _____ | 93) $150 - 70 =$ _____ |
| 84) $120 - 30 =$ _____ | 94) $110 - 50 =$ _____ |
| 85) $130 - 50 =$ _____ | 95) $120 - 50 =$ _____ |
| 86) $170 - 80 =$ _____ | 96) $130 - 60 =$ _____ |
| 87) $150 - 60 =$ _____ | 97) $180 - 90 =$ _____ |
| 88) $80 - 50 =$ _____ | 98) $150 - 70 =$ _____ |
| 89) $60 - 40 =$ _____ | 99) $90 - 30 =$ _____ |
| 90) $110 - 80 =$ _____ | 100) $100 - 30 =$ _____ |

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Checkup Worksheets

Checkout Worksheets

Checkout Worksheets are designed for assessment of students' learning at intervals of two or three weeks.

Note: **Answer keys** for all worksheets are in the Answer Keys Section of this eBook.

Time:

Score:

Check Up A



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

Count on 1, 2

- | | |
|---------------------|----------------------|
| 1) $2 + 1 =$ _____ | 11) $9 + 1 =$ _____ |
| 2) $1 + 1 =$ _____ | 12) $6 + 1 =$ _____ |
| 3) $0 + 1 =$ _____ | 13) $9 + 1 =$ _____ |
| 4) $5 + 1 =$ _____ | 14) $4 + 1 =$ _____ |
| 5) $5 + 1 =$ _____ | 15) $10 + 1 =$ _____ |
| 6) $4 + 1 =$ _____ | 16) $2 + 1 =$ _____ |
| 7) $8 + 1 =$ _____ | 17) $8 + 1 =$ _____ |
| 8) $0 + 1 =$ _____ | 18) $4 + 1 =$ _____ |
| 9) $6 + 1 =$ _____ | 19) $3 + 1 =$ _____ |
| 10) $7 + 1 =$ _____ | 20) $9 + 1 =$ _____ |

Turn arounds

- | | |
|----------------------|----------------------|
| 51) $1 + 10 =$ _____ | 61) $1 + 2 =$ _____ |
| 52) $1 + 5 =$ _____ | 62) $1 + 4 =$ _____ |
| 53) $2 + 7 =$ _____ | 63) $2 + 5 =$ _____ |
| 54) $1 + 0 =$ _____ | 64) $1 + 6 =$ _____ |
| 55) $2 + 3 =$ _____ | 65) $1 + 7 =$ _____ |
| 56) $2 + 9 =$ _____ | 66) $2 + 4 =$ _____ |
| 57) $2 + 0 =$ _____ | 67) $1 + 1 =$ _____ |
| 58) $2 + 6 =$ _____ | 68) $1 + 3 =$ _____ |
| 59) $1 + 9 =$ _____ | 69) $2 + 10 =$ _____ |
| 60) $2 + 1 =$ _____ | 70) $2 + 2 =$ _____ |

Count back 1, 2, difference of 1, 2

- | | |
|----------------------|----------------------|
| 21) $10 - 9 =$ _____ | 36) $2 - 2 =$ _____ |
| 22) $8 - 1 =$ _____ | 37) $3 - 2 =$ _____ |
| 23) $2 - 1 =$ _____ | 38) $3 - 1 =$ _____ |
| 24) $5 - 1 =$ _____ | 39) $4 - 3 =$ _____ |
| 25) $7 - 2 =$ _____ | 40) $10 - 9 =$ _____ |
| 26) $8 - 2 =$ _____ | 41) $8 - 6 =$ _____ |
| 27) $4 - 2 =$ _____ | 42) $11 - 1 =$ _____ |
| 28) $7 - 5 =$ _____ | 43) $12 - 2 =$ _____ |
| 29) $7 - 6 =$ _____ | 44) $9 - 7 =$ _____ |
| 30) $6 - 1 =$ _____ | 45) $5 - 3 =$ _____ |
| 31) $9 - 8 =$ _____ | 46) $11 - 1 =$ _____ |
| 32) $6 - 4 =$ _____ | 47) $9 - 7 =$ _____ |
| 33) $12 - 1 =$ _____ | 48) $7 - 5 =$ _____ |
| 34) $10 - 2 =$ _____ | 49) $12 - 2 =$ _____ |
| 35) $11 - 9 =$ _____ | 50) $9 - 2 =$ _____ |

Missing number

- | | |
|-------------------------|-------------------------|
| 71) $100 + 20 =$ _____ | 86) _____ + 20 = 100 |
| 72) _____ + 10 = 40 | 87) _____ + 20 = 100 |
| 73) $50 +$ _____ = 60 | 88) $80 +$ _____ = 90 |
| 74) $60 +$ _____ = 80 | 89) $50 +$ _____ = 70 |
| 75) $100 +$ _____ = 110 | 90) $50 +$ _____ = 60 |
| 76) $10 +$ _____ = 30 | 91) _____ + 10 = 90 |
| 77) _____ + 20 = 110 | 92) $60 + 20 =$ _____ |
| 78) _____ + 10 = 80 | 93) _____ + 10 = 90 |
| 79) $30 + 20 =$ _____ | 94) $80 +$ _____ = 90 |
| 80) $40 + 20 =$ _____ | 95) $40 + 10 =$ _____ |
| 81) $70 +$ _____ = 90 | 96) $100 + 10 =$ _____ |
| 82) $60 +$ _____ = 70 | 97) _____ + 20 = 80 |
| 83) $60 +$ _____ = 80 | 98) _____ + 10 = 90 |
| 84) $90 +$ _____ = 110 | 99) _____ + 10 = 40 |
| 85) $90 + 20 =$ _____ | 100) $90 +$ _____ = 100 |

This worksheet is part of the Professor Pete's Classroom eBooks "Ten Minutes a Day 2: Extended Addition & Subtraction Worksheets". This Check Up is for assessment to be given upon completion of the 2D worksheet. The teacher should record each student's score and the time taken.

Time:

Score:

Check Up B



$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	------	------	------	--------	---	---	-----

+1, 2, 3

- | | |
|---------------------|----------------------|
| 1) $6 + 2 =$ _____ | 11) $4 + 1 =$ _____ |
| 2) $8 + 1 =$ _____ | 12) $9 + 3 =$ _____ |
| 3) $6 + 3 =$ _____ | 13) $7 + 1 =$ _____ |
| 4) $7 + 3 =$ _____ | 14) $6 + 1 =$ _____ |
| 5) $5 + 2 =$ _____ | 15) $8 + 2 =$ _____ |
| 6) $5 + 1 =$ _____ | 16) $7 + 2 =$ _____ |
| 7) $4 + 2 =$ _____ | 17) $8 + 3 =$ _____ |
| 8) $2 + 2 =$ _____ | 18) $10 + 3 =$ _____ |
| 9) $4 + 3 =$ _____ | 19) $10 + 1 =$ _____ |
| 10) $2 + 1 =$ _____ | 20) $2 + 3 =$ _____ |

Missing number

- | | |
|----------------------------------|----------------------------------|
| 51) $9 + 1 =$ _____ | 61) $9 + \underline{\quad} = 10$ |
| 52) $\underline{\quad} + 1 = 10$ | 62) $9 + \underline{\quad} = 10$ |
| 53) $\underline{\quad} + 1 = 10$ | 63) $9 + 1 =$ _____ |
| 54) $9 + 1 =$ _____ | 64) $9 + \underline{\quad} = 10$ |
| 55) $9 + \underline{\quad} = 10$ | 65) $9 + \underline{\quad} = 10$ |
| 56) $9 + 1 =$ _____ | 66) $\underline{\quad} + 1 = 10$ |
| 57) $9 + 1 =$ _____ | 67) $\underline{\quad} + 1 = 10$ |
| 58) $9 + \underline{\quad} = 10$ | 68) $\underline{\quad} + 1 = 10$ |
| 59) $9 + \underline{\quad} = 10$ | 69) $9 + 1 =$ _____ |
| 60) $9 + \underline{\quad} = 10$ | 70) $9 + \underline{\quad} = 10$ |

Count back 1, 2, 3, difference of 1, 2, 3

- | | |
|----------------------|----------------------|
| 21) $7 - 3 =$ _____ | 31) $4 - 1 =$ _____ |
| 22) $6 - 3 =$ _____ | 32) $8 - 3 =$ _____ |
| 23) $10 - 7 =$ _____ | 33) $7 - 4 =$ _____ |
| 24) $7 - 3 =$ _____ | 34) $9 - 6 =$ _____ |
| 25) $5 - 3 =$ _____ | 35) $9 - 3 =$ _____ |
| 26) $11 - 8 =$ _____ | 36) $13 - 3 =$ _____ |
| 27) $12 - 3 =$ _____ | 37) $11 - 3 =$ _____ |
| 28) $11 - 3 =$ _____ | 38) $10 - 3 =$ _____ |
| 29) $4 - 3 =$ _____ | 39) $8 - 5 =$ _____ |
| 30) $12 - 9 =$ _____ | 40) $12 - 3 =$ _____ |

Subtraction rainbow facts

- | | |
|----------------------|-----------------------|
| 71) $10 - 7 =$ _____ | 81) $10 - 10 =$ _____ |
| 72) $10 - 9 =$ _____ | 82) $10 - 5 =$ _____ |
| 73) $10 - 3 =$ _____ | 83) $10 - 8 =$ _____ |
| 74) $10 - 4 =$ _____ | 84) $10 - 3 =$ _____ |
| 75) $10 - 8 =$ _____ | 85) $10 - 4 =$ _____ |
| 76) $10 - 2 =$ _____ | 86) $10 - 1 =$ _____ |
| 77) $10 - 5 =$ _____ | 87) $10 - 1 =$ _____ |
| 78) $10 - 7 =$ _____ | 88) $10 - 1 =$ _____ |
| 79) $10 - 6 =$ _____ | 89) $10 - 3 =$ _____ |
| 80) $10 - 7 =$ _____ | 90) $10 - 2 =$ _____ |

Difference of 3, -3 extensions

- | | |
|------------------------|------------------------|
| 41) $50 - 20 =$ _____ | 46) $70 - 40 =$ _____ |
| 42) $60 - 30 =$ _____ | 47) $100 - 70 =$ _____ |
| 43) $90 - 30 =$ _____ | 48) $110 - 30 =$ _____ |
| 44) $130 - 30 =$ _____ | 49) $80 - 50 =$ _____ |
| 45) $30 - 30 =$ _____ | 50) $120 - 30 =$ _____ |

Rainbow missing number extensions

- | | |
|------------------------------------|-------------------------------------|
| 91) $\underline{\quad} + 70 = 100$ | 96) $\underline{\quad} + 10 = 100$ |
| 92) $\underline{\quad} + 80 = 100$ | 97) $10 + \underline{\quad} = 100$ |
| 93) $80 + \underline{\quad} = 100$ | 98) $30 + 70 =$ _____ |
| 94) $60 + 40 =$ _____ | 99) $\underline{\quad} + 60 = 100$ |
| 95) $\underline{\quad} + 50 = 100$ | 100) $70 + \underline{\quad} = 100$ |

This worksheet is part of the Professor Pete's Classroom eBooks "Ten Minutes a Day 2: Extended Addition & Subtraction Worksheets". This Check Up is for assessment to be given upon completion of the 4D worksheet. The teacher should record each student's score and the time taken.

Time:

Score:

Check Up C



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	------	--------	---	---	-----

+1, 2, 3, 0, 10

- | | |
|----------------------|----------------------|
| 1) $9 + 3 =$ _____ | 11) $3 + 3 =$ _____ |
| 2) $10 + 3 =$ _____ | 12) $9 + 1 =$ _____ |
| 3) $6 + 3 =$ _____ | 13) $7 + 2 =$ _____ |
| 4) $8 + 2 =$ _____ | 14) $4 + 2 =$ _____ |
| 5) $2 + 0 =$ _____ | 15) $2 + 1 =$ _____ |
| 6) $8 + 1 =$ _____ | 16) $2 + 10 =$ _____ |
| 7) $10 + 10 =$ _____ | 17) $8 + 10 =$ _____ |
| 8) $2 + 2 =$ _____ | 18) $7 + 10 =$ _____ |
| 9) $3 + 1 =$ _____ | 19) $6 + 2 =$ _____ |
| 10) $3 + 2 =$ _____ | 20) $2 + 3 =$ _____ |

Halve

- | | |
|----------------------|-----------------------|
| 51) $14 - 7 =$ _____ | 61) $16 - 8 =$ _____ |
| 52) $10 - 5 =$ _____ | 62) $8 - 4 =$ _____ |
| 53) $14 - 7 =$ _____ | 63) $6 - 3 =$ _____ |
| 54) $16 - 8 =$ _____ | 64) $14 - 7 =$ _____ |
| 55) $18 - 9 =$ _____ | 65) $20 - 10 =$ _____ |
| 56) $6 - 3 =$ _____ | 66) $10 - 5 =$ _____ |
| 57) $12 - 6 =$ _____ | 67) $6 - 3 =$ _____ |
| 58) $18 - 9 =$ _____ | 68) $16 - 8 =$ _____ |
| 59) $16 - 8 =$ _____ | 69) $18 - 9 =$ _____ |
| 60) $8 - 4 =$ _____ | 70) $20 - 10 =$ _____ |

Difference of 0 and 10, -0 and 10

- | | |
|----------------------|---------------------|
| 21) $4 - 0 =$ _____ | 26) $6 - 0 =$ _____ |
| 22) $5 - 0 =$ _____ | 27) $9 - 0 =$ _____ |
| 23) $8 - 0 =$ _____ | 28) $1 - 0 =$ _____ |
| 24) $10 - 0 =$ _____ | 29) $3 - 0 =$ _____ |
| 25) $2 - 0 =$ _____ | 30) $0 - 0 =$ _____ |

Doubles missing number extensions

- | | |
|---|---|
| 71) $50 + \underline{\hspace{1cm}} = 100$ | 76) $60 + 60 =$ _____ |
| 72) $90 + \underline{\hspace{1cm}} = 180$ | 77) $50 + 50 =$ _____ |
| 73) $\underline{\hspace{1cm}} + 30 = 60$ | 78) $70 + 70 =$ _____ |
| 74) $90 + \underline{\hspace{1cm}} = 180$ | 79) $\underline{\hspace{1cm}} + 60 = 120$ |
| 75) $50 + 50 =$ _____ | 80) $80 + 80 =$ _____ |

Double

- | | |
|---------------------|---------------------|
| 31) $4 + 4 =$ _____ | 36) $7 + 7 =$ _____ |
| 32) $3 + 3 =$ _____ | 37) $8 + 8 =$ _____ |
| 33) $5 + 5 =$ _____ | 38) $2 + 2 =$ _____ |
| 34) $6 + 6 =$ _____ | 39) $0 + 0 =$ _____ |
| 35) $9 + 9 =$ _____ | 40) $1 + 1 =$ _____ |

1, 2, 3, 0, 10 missing number

- | | |
|--|--|
| 41) $6 + \underline{\hspace{1cm}} = 8$ | 46) $8 + 1 =$ _____ |
| 42) $4 + \underline{\hspace{1cm}} = 7$ | 47) $5 + 10 =$ _____ |
| 43) $\underline{\hspace{1cm}} + 10 = 16$ | 48) $9 + 3 =$ _____ |
| 44) $7 + \underline{\hspace{1cm}} = 9$ | 49) $\underline{\hspace{1cm}} + 5 = 5$ |
| 45) $3 + 7 =$ _____ | 50) $9 + 0 =$ _____ |

-1, 2, 3, 0, 10 and extensions

- | | |
|-----------------------|------------------------|
| 81) $13 - 3 =$ _____ | 91) $40 - 0 =$ _____ |
| 82) $11 - 10 =$ _____ | 92) $40 - 30 =$ _____ |
| 83) $3 - 3 =$ _____ | 93) $80 - 30 =$ _____ |
| 84) $9 - 2 =$ _____ | 94) $90 - 30 =$ _____ |
| 85) $9 - 3 =$ _____ | 95) $120 - 30 =$ _____ |
| 86) $5 - 1 =$ _____ | 96) $50 - 30 =$ _____ |
| 87) $7 - 0 =$ _____ | 97) $100 - 20 =$ _____ |
| 88) $12 - 3 =$ _____ | 98) $80 - 20 =$ _____ |
| 89) $3 - 0 =$ _____ | 99) $110 - 30 =$ _____ |
| 90) $5 - 0 =$ _____ | 100) $30 - 20 =$ _____ |

This worksheet is part of the Professor Pete's Classroom eBooks "Ten Minutes a Day 2: Extended Addition & Subtraction Worksheets". This Check Up is for assessment to be given upon completion of the 6D worksheet. The teacher should record each student's score and the time taken.

Time:

Score:

Check Up D



$\div$ 1 2 3 Rnbw 0&10 Dble **Dble+1** 9 8 All

Double +1

- | | |
|--------------------|---------------------|
| 1) $5 + 4 =$ _____ | 6) $4 + 5 =$ _____ |
| 2) $8 + 9 =$ _____ | 7) $7 + 6 =$ _____ |
| 3) $8 + 7 =$ _____ | 8) $6 + 5 =$ _____ |
| 4) $5 + 6 =$ _____ | 9) $7 + 8 =$ _____ |
| 5) $4 + 3 =$ _____ | 10) $3 + 2 =$ _____ |

Double +1 related subtraction facts

- | | |
|----------------------|----------------------|
| 11) $17 - 9 =$ _____ | 21) $13 - 6 =$ _____ |
| 12) $9 - 4 =$ _____ | 22) $11 - 6 =$ _____ |
| 13) $15 - 7 =$ _____ | 23) $15 - 7 =$ _____ |
| 14) $11 - 6 =$ _____ | 24) $17 - 8 =$ _____ |
| 15) $11 - 5 =$ _____ | 25) $11 - 5 =$ _____ |
| 16) $9 - 5 =$ _____ | 26) $13 - 6 =$ _____ |
| 17) $11 - 6 =$ _____ | 27) $15 - 7 =$ _____ |
| 18) $7 - 4 =$ _____ | 28) $17 - 9 =$ _____ |
| 19) $11 - 5 =$ _____ | 29) $11 - 5 =$ _____ |
| 20) $17 - 8 =$ _____ | 30) $13 - 7 =$ _____ |

Double, double +1 missing number

- | | |
|---|---|
| 31) $6 + \underline{\hspace{1cm}} = 12$ | 41) $\underline{\hspace{1cm}} + 80 = 150$ |
| 32) $2 + 3 =$ _____ | 42) $50 + 50 =$ _____ |
| 33) $4 + 4 =$ _____ | 43) $\underline{\hspace{1cm}} + 80 = 160$ |
| 34) $\underline{\hspace{1cm}} + 7 = 13$ | 44) $20 + 20 =$ _____ |
| 35) $5 + 6 =$ _____ | 45) $50 + 60 =$ _____ |
| 36) $\underline{\hspace{1cm}} + 6 = 12$ | 46) $30 + 40 =$ _____ |
| 37) $6 + 7 =$ _____ | 47) $\underline{\hspace{1cm}} + 90 = 180$ |
| 38) $6 + 5 =$ _____ | 48) $50 + \underline{\hspace{1cm}} = 90$ |
| 39) $5 + 4 =$ _____ | 49) $40 + \underline{\hspace{1cm}} = 90$ |
| 40) $7 + \underline{\hspace{1cm}} = 14$ | 50) $90 + 80 =$ _____ |

Difference of 9, -9

- | | |
|----------------------|----------------------|
| 51) $10 - 1 =$ _____ | 61) $16 - 7 =$ _____ |
| 52) $14 - 5 =$ _____ | 62) $16 - 7 =$ _____ |
| 53) $13 - 9 =$ _____ | 63) $11 - 9 =$ _____ |
| 54) $9 - 9 =$ _____ | 64) $12 - 9 =$ _____ |
| 55) $11 - 6 =$ _____ | 65) $14 - 5 =$ _____ |
| 56) $15 - 6 =$ _____ | 66) $12 - 9 =$ _____ |
| 57) $15 - 6 =$ _____ | 67) $13 - 4 =$ _____ |
| 58) $15 - 6 =$ _____ | 68) $14 - 5 =$ _____ |
| 59) $17 - 8 =$ _____ | 69) $12 - 9 =$ _____ |
| 60) $18 - 9 =$ _____ | 70) $9 - 0 =$ _____ |

+9 missing number and extensions

- | | |
|---|---|
| 71) $90 + 60 =$ _____ | 76) $\underline{\hspace{1cm}} + 80 = 170$ |
| 72) $90 + 100 =$ _____ | 77) $\underline{\hspace{1cm}} + 40 = 130$ |
| 73) $\underline{\hspace{1cm}} + 90 = 180$ | 78) $90 + \underline{\hspace{1cm}} = 160$ |
| 74) $\underline{\hspace{1cm}} + 90 = 180$ | 79) $90 + \underline{\hspace{1cm}} = 120$ |
| 75) $90 + \underline{\hspace{1cm}} = 140$ | 80) $90 + 20 =$ _____ |

-0, 1, 2, 3, 10 subtraction facts and extensions

- | | |
|----------------------|-----------------------|
| 81) $7 - 0 =$ _____ | 91) $13 - 3 =$ _____ |
| 82) $12 - 3 =$ _____ | 92) $8 - 2 =$ _____ |
| 83) $4 - 3 =$ _____ | 93) $3 - 3 =$ _____ |
| 84) $3 - 2 =$ _____ | 94) $5 - 3 =$ _____ |
| 85) $9 - 3 =$ _____ | 95) $11 - 10 =$ _____ |
| 86) $5 - 0 =$ _____ | 96) $12 - 3 =$ _____ |
| 87) $4 - 0 =$ _____ | 97) $5 - 1 =$ _____ |
| 88) $3 - 0 =$ _____ | 98) $11 - 3 =$ _____ |
| 89) $9 - 0 =$ _____ | 99) $8 - 0 =$ _____ |
| 90) $10 - 2 =$ _____ | 100) $9 - 2 =$ _____ |

This worksheet is part of the Professor Pete's Classroom eBooks "Ten Minutes a Day 2: Extended Addition & Subtraction Worksheets". This Check Up is for assessment to be given upon completion of the 8D worksheet. The teacher should record each student's score and the time taken.

Time:

Score:

Check Up E



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	------	--------	---	---	-----

+8 (near 10)

- | | |
|----------------------|---------------------|
| 1) $8 + 8 =$ _____ | 11) $7 + 8 =$ _____ |
| 2) $7 + 8 =$ _____ | 12) $2 + 8 =$ _____ |
| 3) $7 + 8 =$ _____ | 13) $0 + 8 =$ _____ |
| 4) $8 + 8 =$ _____ | 14) $1 + 8 =$ _____ |
| 5) $3 + 8 =$ _____ | 15) $5 + 8 =$ _____ |
| 6) $4 + 8 =$ _____ | 16) $3 + 8 =$ _____ |
| 7) $0 + 8 =$ _____ | 17) $6 + 8 =$ _____ |
| 8) $2 + 8 =$ _____ | 18) $9 + 8 =$ _____ |
| 9) $4 + 8 =$ _____ | 19) $2 + 8 =$ _____ |
| 10) $10 + 8 =$ _____ | 20) $1 + 8 =$ _____ |

Difference of 8, -8

- | | |
|----------------------|----------------------|
| 51) $18 - 8 =$ _____ | 61) $12 - 8 =$ _____ |
| 52) $14 - 8 =$ _____ | 62) $9 - 8 =$ _____ |
| 53) $8 - 8 =$ _____ | 63) $8 - 8 =$ _____ |
| 54) $16 - 8 =$ _____ | 64) $18 - 8 =$ _____ |
| 55) $15 - 8 =$ _____ | 65) $13 - 8 =$ _____ |
| 56) $18 - 8 =$ _____ | 66) $11 - 8 =$ _____ |
| 57) $11 - 8 =$ _____ | 67) $12 - 8 =$ _____ |
| 58) $10 - 8 =$ _____ | 68) $16 - 8 =$ _____ |
| 59) $17 - 8 =$ _____ | 69) $14 - 8 =$ _____ |
| 60) $11 - 8 =$ _____ | 70) $17 - 8 =$ _____ |

Remaining subtraction facts (4+7) (5+7)

- | | |
|----------------------|----------------------|
| 21) $11 - 7 =$ _____ | 26) $12 - 7 =$ _____ |
| 22) $12 - 7 =$ _____ | 27) $12 - 7 =$ _____ |
| 23) $11 - 7 =$ _____ | 28) $11 - 4 =$ _____ |
| 24) $12 - 7 =$ _____ | 29) $11 - 7 =$ _____ |
| 25) $12 - 7 =$ _____ | 30) $11 - 7 =$ _____ |

All subtraction facts extensions

- | | |
|------------------------|-------------------------|
| 71) $130 - 50 =$ _____ | 86) $100 - 50 =$ _____ |
| 72) $80 - 60 =$ _____ | 87) $140 - 80 =$ _____ |
| 73) $150 - 70 =$ _____ | 88) $170 - 80 =$ _____ |
| 74) $110 - 50 =$ _____ | 89) $90 - 50 =$ _____ |
| 75) $120 - 80 =$ _____ | 90) $70 - 30 =$ _____ |
| 76) $140 - 70 =$ _____ | 91) $120 - 60 =$ _____ |
| 77) $140 - 60 =$ _____ | 92) $170 - 90 =$ _____ |
| 78) $80 - 40 =$ _____ | 93) $60 - 40 =$ _____ |
| 79) $120 - 70 =$ _____ | 94) $130 - 60 =$ _____ |
| 80) $160 - 80 =$ _____ | 95) $180 - 90 =$ _____ |
| 81) $110 - 70 =$ _____ | 96) $110 - 30 =$ _____ |
| 82) $40 - 20 =$ _____ | 97) $140 - 50 =$ _____ |
| 83) $150 - 60 =$ _____ | 98) $160 - 90 =$ _____ |
| 84) $50 - 20 =$ _____ | 99) $160 - 70 =$ _____ |
| 85) $60 - 30 =$ _____ | 100) $150 - 80 =$ _____ |

Remaining addition facts (4+7) (5+7)

- | | |
|---------------------|---------------------|
| 31) $7 + 4 =$ _____ | 36) $4 + 7 =$ _____ |
| 32) $7 + 5 =$ _____ | 37) $5 + 7 =$ _____ |
| 33) $7 + 5 =$ _____ | 38) $4 + 7 =$ _____ |
| 34) $5 + 7 =$ _____ | 39) $7 + 4 =$ _____ |
| 35) $7 + 4 =$ _____ | 40) $5 + 7 =$ _____ |

Revision missing number

- | | |
|----------------------------------|----------------------------------|
| 41) $5 + 4 =$ _____ | 46) $6 + \underline{\quad} = 14$ |
| 42) $\underline{\quad} + 8 = 13$ | 47) $\underline{\quad} + 3 = 11$ |
| 43) $6 + 3 =$ _____ | 48) $\underline{\quad} + 5 = 10$ |
| 44) $6 + \underline{\quad} = 15$ | 49) $3 + \underline{\quad} = 6$ |
| 45) $\underline{\quad} + 4 = 13$ | 50) $8 + 4 =$ _____ |

This worksheet is part of the Professor Pete's Classroom eBooks "Ten Minutes a Day 2: Extended Addition & Subtraction Worksheets". This Check Up is for assessment to be given upon completion of the 10D worksheet. The teacher should record each student's score and the time taken.

Homework Sheets

Homework Sheets

Homework Sheets are designed to be sent home at regular intervals for home-based revision of arithmetic facts. Each sheet includes information for parents to briefly explain the learning strategy being adopted in the classroom, so that parents can offer help to their children that is consistent with what is taught at school.

Suggested Uses:

1. Use homework sheets for reinforcement of learning in class, by sending matching homework sheets home as each strategy is covered in class.
2. Introduce the program of developing fluency in arithmetic facts at a parent evening, open day, or parent-teacher interview, for example. Use the occasion to explain to parents the strategies being adopted in your classroom, and invite parents to assist their child to learn by following the Advice to Parents on each homework sheet.

Note: **Answer keys** for all worksheets are in the Answer Keys Section of this eBook.



Count on 1

- | | |
|--------------------|---------------------|
| 1) $1 + 1 =$ _____ | 6) $8 + 1 =$ _____ |
| 2) $5 + 1 =$ _____ | 7) $10 + 1 =$ _____ |
| 3) $3 + 1 =$ _____ | 8) $7 + 1 =$ _____ |
| 4) $4 + 1 =$ _____ | 9) $6 + 1 =$ _____ |
| 5) $2 + 1 =$ _____ | 10) $9 + 1 =$ _____ |

Turn arounds

- | | |
|---------------------|----------------------|
| 11) $1 + 1 =$ _____ | 16) $1 + 6 =$ _____ |
| 12) $1 + 7 =$ _____ | 17) $1 + 3 =$ _____ |
| 13) $1 + 2 =$ _____ | 18) $1 + 4 =$ _____ |
| 14) $1 + 8 =$ _____ | 19) $1 + 5 =$ _____ |
| 15) $1 + 9 =$ _____ | 20) $1 + 10 =$ _____ |

Count back 1

- | | |
|----------------------|----------------------|
| 21) $11 - 1 =$ _____ | 26) $10 - 1 =$ _____ |
| 22) $2 - 1 =$ _____ | 27) $5 - 1 =$ _____ |
| 23) $9 - 1 =$ _____ | 28) $3 - 1 =$ _____ |
| 24) $4 - 1 =$ _____ | 29) $8 - 1 =$ _____ |
| 25) $7 - 1 =$ _____ | 30) $6 - 1 =$ _____ |

Difference of 1, count back 1

- | | |
|---------------------|----------------------|
| 31) $1 - 1 =$ _____ | 36) $9 - 1 =$ _____ |
| 32) $7 - 1 =$ _____ | 37) $10 - 1 =$ _____ |
| 33) $3 - 1 =$ _____ | 38) $5 - 1 =$ _____ |
| 34) $8 - 1 =$ _____ | 39) $6 - 1 =$ _____ |
| 35) $2 - 1 =$ _____ | 40) $4 - 1 =$ _____ |

Missing number, missing sum

- | | | | |
|---------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 41) $4 + 1 =$ _____ | 51) $8 + 1 =$ _____ | 61) $1 + 8 =$ _____ | 71) $1 + 1 =$ _____ |
| 42) $6 + \underline{\quad} = 7$ | 52) $\underline{\quad} + 1 = 11$ | 62) $1 + \underline{\quad} = 8$ | 72) $1 + 9 =$ _____ |
| 43) $2 + 1 =$ _____ | 53) $4 + 1 =$ _____ | 63) $1 + 6 =$ _____ | 73) $\underline{\quad} + 4 = 5$ |
| 44) $\underline{\quad} + 1 = 9$ | 54) $\underline{\quad} + 1 = 2$ | 64) $1 + \underline{\quad} = 3$ | 74) $1 + \underline{\quad} = 7$ |
| 45) $2 + \underline{\quad} = 3$ | 55) $\underline{\quad} + 1 = 6$ | 65) $1 + \underline{\quad} = 6$ | 75) $1 + 2 =$ _____ |
| 46) $6 + \underline{\quad} = 7$ | 56) $9 + \underline{\quad} = 10$ | 66) $1 + \underline{\quad} = 7$ | 76) $\underline{\quad} + 3 = 4$ |
| 47) $\underline{\quad} + 1 = 2$ | 57) $\underline{\quad} + 1 = 4$ | 67) $1 + \underline{\quad} = 10$ | 77) $1 + \underline{\quad} = 11$ |
| 48) $\underline{\quad} + 1 = 8$ | 58) $8 + 1 =$ _____ | 68) $1 + \underline{\quad} = 5$ | 78) $\underline{\quad} + 1 = 2$ |
| 49) $6 + \underline{\quad} = 7$ | 59) $\underline{\quad} + 1 = 10$ | 69) $1 + 10 =$ _____ | 79) $1 + \underline{\quad} = 9$ |
| 50) $7 + \underline{\quad} = 8$ | 60) $9 + \underline{\quad} = 10$ | 70) $1 + \underline{\quad} = 3$ | 80) $1 + 10 =$ _____ |

+1 extended to tens

- | | |
|-----------------------|-----------------------|
| 81) $70 + 10 =$ _____ | 86) $60 + 10 =$ _____ |
| 82) $50 + 10 =$ _____ | 87) $10 + 30 =$ _____ |
| 83) $40 + 10 =$ _____ | 88) $10 + 80 =$ _____ |
| 84) $20 + 10 =$ _____ | 89) $10 + 90 =$ _____ |
| 85) $0 + 10 =$ _____ | 90) $10 + 1 =$ _____ |

Difference of 1, -1 extended to tens

- | | |
|-----------------------|-------------------------|
| 91) $30 - 10 =$ _____ | 96) $40 - 30 =$ _____ |
| 92) $90 - 80 =$ _____ | 97) $80 - 70 =$ _____ |
| 93) $50 - 10 =$ _____ | 98) $60 - 10 =$ _____ |
| 94) $20 - 10 =$ _____ | 99) $10 - 10 =$ _____ |
| 95) $70 - 60 =$ _____ | 100) $100 - 90 =$ _____ |

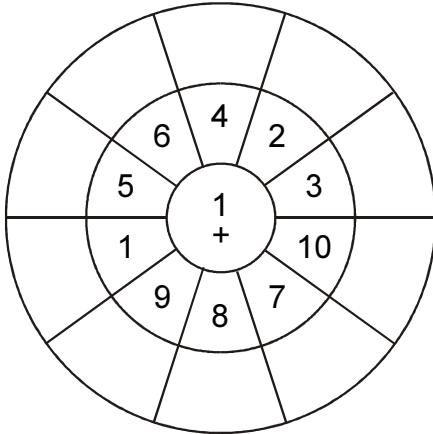
This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Plus/take 1 facts are taught using a COUNT ON/COUNT BACK strategy: Students who are familiar with the sequence of counting numbers can mentally "count on" or "count back" to the next number, and name it.



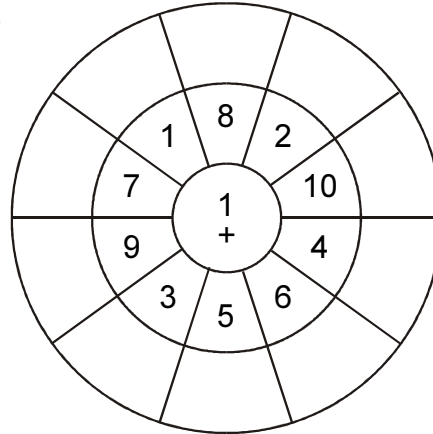
This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Completing the wheels help your child remember their numbers facts with daily practice.

+1 Addition wheels

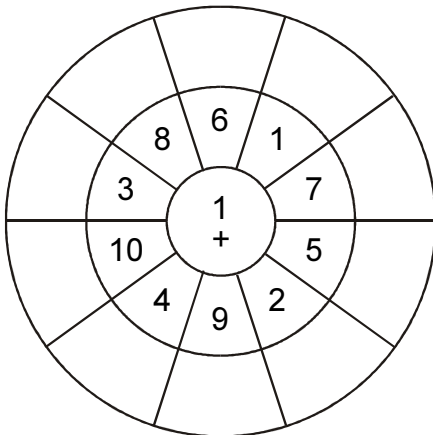
1)



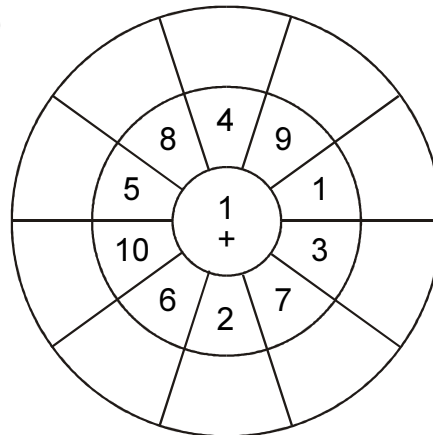
2)



3)

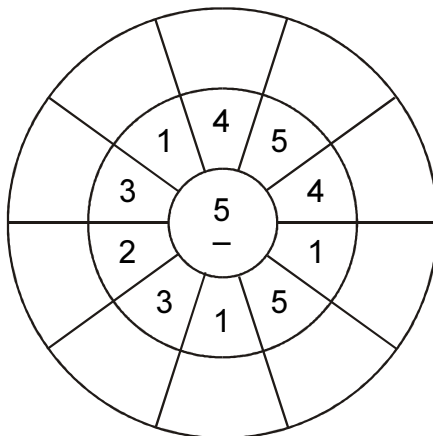


4)



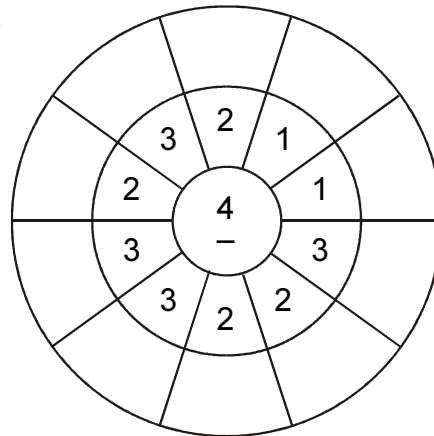
5 – Subtraction wheel

5)



4 – Subtraction wheel

6)





$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	------	------	------	--------	---	---	-----

Count on 2

- | | |
|---------------------|---------------------|
| 1) $8 + 2 =$ _____ | 11) $7 + 2 =$ _____ |
| 2) $6 + 2 =$ _____ | 12) $9 + 2 =$ _____ |
| 3) $4 + 2 =$ _____ | 13) $1 + 2 =$ _____ |
| 4) $10 + 2 =$ _____ | 14) $5 + 2 =$ _____ |
| 5) $2 + 2 =$ _____ | 15) $3 + 2 =$ _____ |
| 6) $5 + 2 =$ _____ | 16) $3 + 2 =$ _____ |
| 7) $2 + 2 =$ _____ | 17) $8 + 2 =$ _____ |
| 8) $7 + 2 =$ _____ | 18) $6 + 2 =$ _____ |
| 9) $4 + 2 =$ _____ | 19) $1 + 2 =$ _____ |
| 10) $5 + 2 =$ _____ | 20) $6 + 2 =$ _____ |

Turn arounds

- | | |
|---------------------|----------------------|
| 21) $2 + 5 =$ _____ | 26) $2 + 9 =$ _____ |
| 22) $2 + 7 =$ _____ | 27) $2 + 4 =$ _____ |
| 23) $2 + 8 =$ _____ | 28) $2 + 10 =$ _____ |
| 24) $2 + 1 =$ _____ | 29) $2 + 3 =$ _____ |
| 25) $2 + 6 =$ _____ | 30) $2 + 2 =$ _____ |

Count back 2

- | | |
|----------------------|----------------------|
| 31) $9 - 2 =$ _____ | 36) $5 - 2 =$ _____ |
| 32) $7 - 2 =$ _____ | 37) $3 - 2 =$ _____ |
| 33) $6 - 2 =$ _____ | 38) $10 - 2 =$ _____ |
| 34) $4 - 2 =$ _____ | 39) $8 - 2 =$ _____ |
| 35) $11 - 2 =$ _____ | 40) $12 - 2 =$ _____ |

Difference of 2, count back 2

- | | |
|----------------------|---------------------|
| 41) $10 - 8 =$ _____ | 51) $9 - 7 =$ _____ |
| 42) $7 - 5 =$ _____ | 52) $3 - 1 =$ _____ |
| 43) $6 - 2 =$ _____ | 53) $4 - 2 =$ _____ |
| 44) $8 - 6 =$ _____ | 54) $5 - 2 =$ _____ |
| 45) $4 - 2 =$ _____ | 55) $7 - 5 =$ _____ |
| 46) $6 - 4 =$ _____ | 56) $7 - 2 =$ _____ |
| 47) $8 - 2 =$ _____ | 57) $5 - 3 =$ _____ |
| 48) $8 - 6 =$ _____ | 58) $3 - 2 =$ _____ |
| 49) $6 - 2 =$ _____ | 59) $3 - 1 =$ _____ |
| 50) $6 - 4 =$ _____ | 60) $9 - 2 =$ _____ |

Missing number, missing sum

- | | | | |
|----------------------------------|---------------------------------|----------------------------------|----------------------------------|
| 61) $\underline{\quad} + 2 = 3$ | 66) $5 + \underline{\quad} = 7$ | 71) $\underline{\quad} + 8 = 10$ | 76) $1 + \underline{\quad} = 10$ |
| 62) $10 + 1 = \underline{\quad}$ | 67) $4 + 2 = \underline{\quad}$ | 72) $1 + 2 = \underline{\quad}$ | 77) $1 + 7 = \underline{\quad}$ |
| 63) $\underline{\quad} + 1 = 6$ | 68) $2 + 2 = \underline{\quad}$ | 73) $\underline{\quad} + 3 = 4$ | 78) $1 + 8 = \underline{\quad}$ |
| 64) $\underline{\quad} + 2 = 11$ | 69) $8 + \underline{\quad} = 9$ | 74) $\underline{\quad} + 4 = 5$ | 79) $2 + \underline{\quad} = 12$ |
| 65) $8 + \underline{\quad} = 10$ | 70) $\underline{\quad} + 2 = 5$ | 75) $2 + \underline{\quad} = 3$ | 80) $\underline{\quad} + 6 = 7$ |

+2 extended to tens

- | | |
|-----------------------|-----------------------|
| 81) $80 + 20 =$ _____ | 86) $90 + 20 =$ _____ |
| 82) $50 + 20 =$ _____ | 87) $10 + 20 =$ _____ |
| 83) $40 + 20 =$ _____ | 88) $10 + 20 =$ _____ |
| 84) $70 + 20 =$ _____ | 89) $20 + 20 =$ _____ |
| 85) $30 + 20 =$ _____ | 90) $60 + 20 =$ _____ |

Difference of 2, -2 extended to tens

- | | |
|------------------------|------------------------|
| 91) $30 - 20 =$ _____ | 96) $40 - 20 =$ _____ |
| 92) $70 - 50 =$ _____ | 97) $50 - 20 =$ _____ |
| 93) $110 - 20 =$ _____ | 98) $120 - 20 =$ _____ |
| 94) $100 - 80 =$ _____ | 99) $90 - 20 =$ _____ |
| 95) $60 - 20 =$ _____ | 100) $80 - 60 =$ _____ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Plus/take 2 facts are taught using a COUNT ON/COUNT BACK strategy: Students who are familiar with the sequence of counting numbers can mentally "count on" or "count back" two more numbers. A number line will help children to visualize this operation which "skips" one number and lands on the next one.

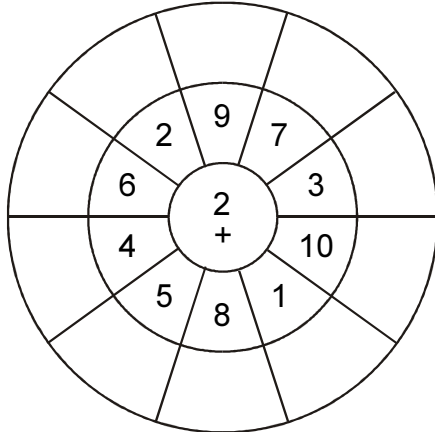


$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

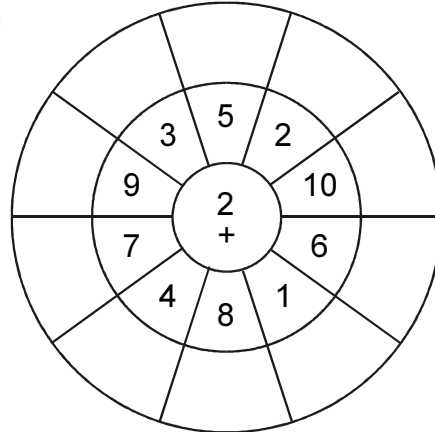
This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Completing the wheels help your child remember their numbers facts with daily practice.

+2 Addition wheels

1)

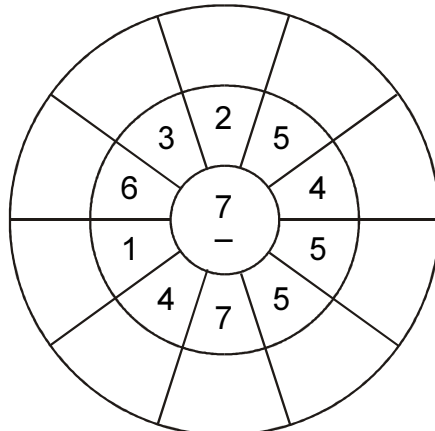


2)



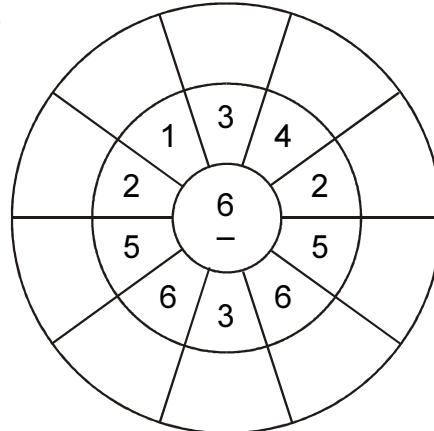
7 – Subtraction wheel

3)



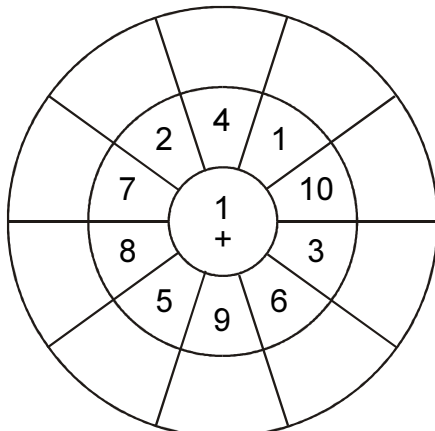
6 – Subtraction wheel

4)

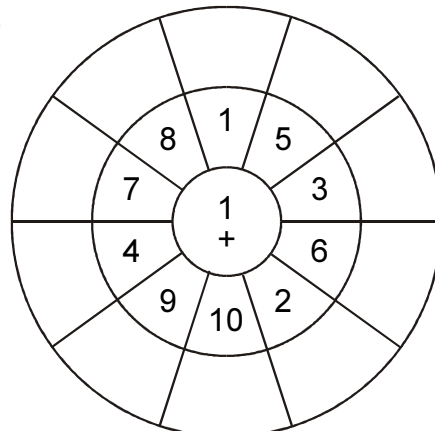


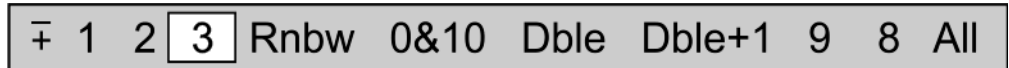
Addition revision

5)



6)



**Count on 3**

- | | |
|---------------------|----------------------|
| 1) $7 + 3 =$ _____ | 11) $6 + 3 =$ _____ |
| 2) $2 + 3 =$ _____ | 12) $10 + 3 =$ _____ |
| 3) $7 + 3 =$ _____ | 13) $4 + 3 =$ _____ |
| 4) $8 + 3 =$ _____ | 14) $10 + 3 =$ _____ |
| 5) $3 + 3 =$ _____ | 15) $9 + 3 =$ _____ |
| 6) $4 + 3 =$ _____ | 16) $5 + 3 =$ _____ |
| 7) $8 + 3 =$ _____ | 17) $5 + 3 =$ _____ |
| 8) $1 + 3 =$ _____ | 18) $10 + 3 =$ _____ |
| 9) $2 + 3 =$ _____ | 19) $7 + 3 =$ _____ |
| 10) $6 + 3 =$ _____ | 20) $8 + 3 =$ _____ |

Turn arounds

- | | |
|----------------------|---------------------|
| 21) $3 + 3 =$ _____ | 26) $3 + 7 =$ _____ |
| 22) $3 + 1 =$ _____ | 27) $3 + 5 =$ _____ |
| 23) $3 + 8 =$ _____ | 28) $3 + 6 =$ _____ |
| 24) $3 + 10 =$ _____ | 29) $3 + 9 =$ _____ |
| 25) $3 + 4 =$ _____ | 30) $3 + 2 =$ _____ |

Count back 3

- | | |
|----------------------|----------------------|
| 31) $9 - 3 =$ _____ | 36) $7 - 3 =$ _____ |
| 32) $8 - 3 =$ _____ | 37) $4 - 3 =$ _____ |
| 33) $10 - 3 =$ _____ | 38) $9 - 3 =$ _____ |
| 34) $5 - 3 =$ _____ | 39) $11 - 3 =$ _____ |
| 35) $12 - 3 =$ _____ | 40) $6 - 3 =$ _____ |

Difference of 3, count back 3

- | | |
|----------------------|-----------------------|
| 41) $12 - 3 =$ _____ | 51) $11 - 2 =$ _____ |
| 42) $8 - 5 =$ _____ | 52) $9 - 3 =$ _____ |
| 43) $8 - 5 =$ _____ | 53) $6 - 3 =$ _____ |
| 44) $11 - 8 =$ _____ | 54) $12 - 9 =$ _____ |
| 45) $4 - 1 =$ _____ | 55) $13 - 10 =$ _____ |
| 46) $7 - 3 =$ _____ | 56) $9 - 6 =$ _____ |
| 47) $10 - 7 =$ _____ | 57) $7 - 4 =$ _____ |
| 48) $10 - 3 =$ _____ | 58) $5 - 2 =$ _____ |
| 49) $10 - 7 =$ _____ | 59) $6 - 3 =$ _____ |
| 50) $11 - 8 =$ _____ | 60) $10 - 7 =$ _____ |

Missing number, missing sum

- | | | | |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 61) $\underline{\quad} + 2 = 10$ | 66) $9 + \underline{\quad} = 11$ | 71) $\underline{\quad} + 8 = 10$ | 76) $2 + \underline{\quad} = 7$ |
| 62) $2 + 3 = \underline{\quad}$ | 67) $10 + 3 = \underline{\quad}$ | 72) $1 + 2 = \underline{\quad}$ | 77) $1 + 7 = \underline{\quad}$ |
| 63) $\underline{\quad} + 2 = 5$ | 68) $6 + 2 = \underline{\quad}$ | 73) $\underline{\quad} + 9 = 12$ | 78) $3 + 3 = \underline{\quad}$ |
| 64) $\underline{\quad} + 3 = 4$ | 69) $7 + \underline{\quad} = 10$ | 74) $\underline{\quad} + 4 = 6$ | 79) $2 + \underline{\quad} = 12$ |
| 65) $2 + \underline{\quad} = 4$ | 70) $\underline{\quad} + 2 = 3$ | 75) $2 + \underline{\quad} = 4$ | 80) $\underline{\quad} + 2 = 5$ |

+3 extended to tens

- | | |
|-----------------------|-----------------------|
| 81) $10 + 30 =$ _____ | 86) $40 + 30 =$ _____ |
| 82) $30 + 50 =$ _____ | 87) $30 + 30 =$ _____ |
| 83) $80 + 30 =$ _____ | 88) $30 + 20 =$ _____ |
| 84) $90 + 30 =$ _____ | 89) $90 + 30 =$ _____ |
| 85) $30 + 80 =$ _____ | 90) $70 + 30 =$ _____ |

Difference of 3, -3 extended to tens

- | | |
|------------------------|------------------------|
| 91) $80 - 50 =$ _____ | 96) $60 - 30 =$ _____ |
| 92) $50 - 20 =$ _____ | 97) $30 - 30 =$ _____ |
| 93) $70 - 40 =$ _____ | 98) $120 - 30 =$ _____ |
| 94) $130 - 30 =$ _____ | 99) $110 - 30 =$ _____ |
| 95) $100 - 70 =$ _____ | 100) $90 - 30 =$ _____ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Plus/take 3 facts are taught using a COUNT ON/COUNT BACK strategy: Students who are familiar with the sequence of counting numbers can mentally "count on" or "count back" three more numbers. A number line will help children to visualize this operation which "skips" two numbers and lands on the next one.

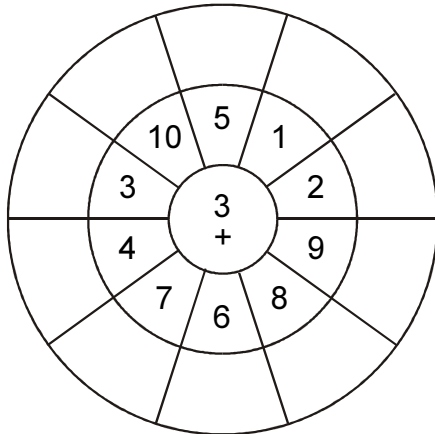


$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
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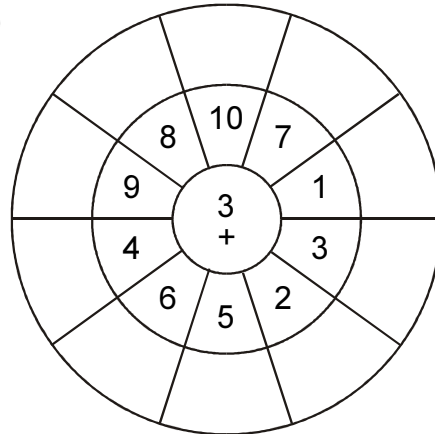
This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Completing the wheels help your child remember their numbers facts with daily practice.

+3 Addition wheels

1)

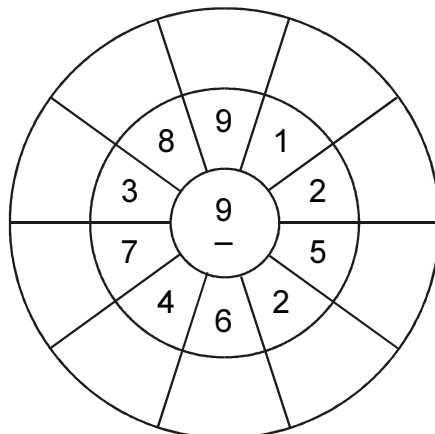


2)



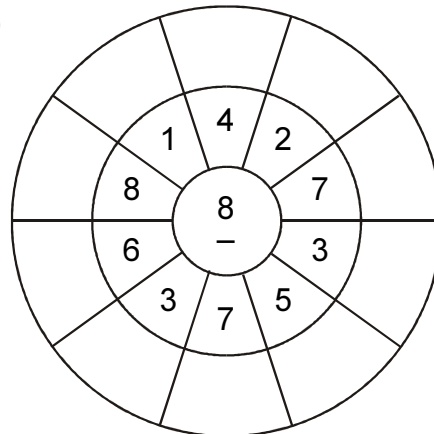
9 – Subtraction wheel

3)



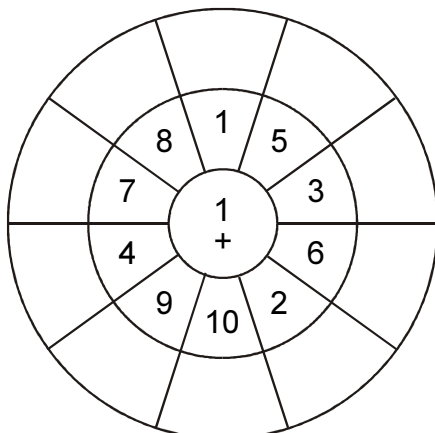
8– Subtraction wheel

4)

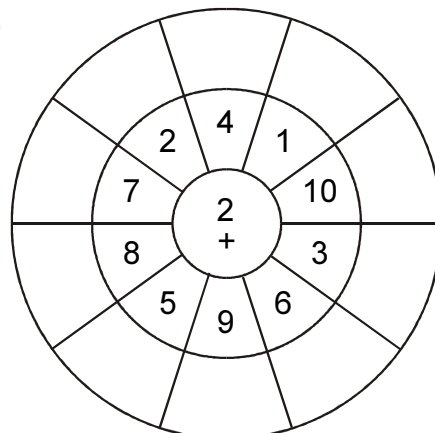


Addition revision

5)



6)





$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
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Rainbow facts

- | | |
|--------------------|---------------------|
| 1) $9 + 1 =$ _____ | 6) $10 + 0 =$ _____ |
| 2) $5 + 5 =$ _____ | 7) $7 + 3 =$ _____ |
| 3) $4 + 6 =$ _____ | 8) $3 + 7 =$ _____ |
| 4) $6 + 4 =$ _____ | 9) $8 + 2 =$ _____ |
| 5) $1 + 9 =$ _____ | 10) $2 + 8 =$ _____ |

Subtraction rainbow extended facts

- | | |
|------------------------|-------------------------|
| 11) $100 - 30 =$ _____ | 21) $100 - 70 =$ _____ |
| 12) $100 - 20 =$ _____ | 22) $100 - 60 =$ _____ |
| 13) $100 - 40 =$ _____ | 23) $100 - 90 =$ _____ |
| 14) $100 - 10 =$ _____ | 24) $100 - 50 =$ _____ |
| 15) $100 - 80 =$ _____ | 25) $100 - 100 =$ _____ |
| 16) $100 - 30 =$ _____ | 26) $100 - 90 =$ _____ |
| 17) $100 - 40 =$ _____ | 27) $100 - 60 =$ _____ |
| 18) $100 - 60 =$ _____ | 28) $100 - 50 =$ _____ |
| 19) $100 - 40 =$ _____ | 29) $100 - 20 =$ _____ |
| 20) $100 - 60 =$ _____ | 30) $100 - 90 =$ _____ |

Subtraction rainbow facts

- | | |
|-----------------------|----------------------|
| 31) $10 - 7 =$ _____ | 41) $10 - 6 =$ _____ |
| 32) $10 - 10 =$ _____ | 42) $10 - 4 =$ _____ |
| 33) $10 - 3 =$ _____ | 43) $10 - 9 =$ _____ |
| 34) $10 - 1 =$ _____ | 44) $10 - 5 =$ _____ |
| 35) $10 - 8 =$ _____ | 45) $10 - 2 =$ _____ |
| 36) $10 - 8 =$ _____ | 46) $10 - 7 =$ _____ |
| 37) $10 - 5 =$ _____ | 47) $10 - 7 =$ _____ |
| 38) $10 - 3 =$ _____ | 48) $10 - 4 =$ _____ |
| 39) $10 - 1 =$ _____ | 49) $10 - 2 =$ _____ |
| 40) $10 - 1 =$ _____ | 50) $10 - 3 =$ _____ |

Rainbow missing number, extended

- | | |
|----------------------|----------------------|
| 51) _____ + 80 = 100 | 56) 60 + _____ = 100 |
| 52) 90 + 10 = _____ | 57) 100 + 0 = _____ |
| 53) _____ + 30 = 100 | 58) 50 + 50 = _____ |
| 54) _____ + 60 = 100 | 59) 30 + _____ = 100 |
| 55) 10 + _____ = 100 | 60) _____ + 20 = 100 |

Rainbow missing number, missing sum

- | | | | |
|--------------------|--------------------|--------------------|--------------------|
| 61) _____ + 8 = 10 | 66) 6 + _____ = 10 | 71) _____ + 4 = 10 | 76) 0 + _____ = 10 |
| 62) 9 + 1 = _____ | 67) 10 + 0 = _____ | 72) 5 + 5 = _____ | 77) 2 + 8 = _____ |
| 63) _____ + 3 = 10 | 68) 5 + 5 = _____ | 73) _____ + 7 = 10 | 78) 1 + 9 = _____ |
| 64) _____ + 6 = 10 | 69) 3 + _____ = 10 | 74) _____ + 3 = 10 | 79) 4 + _____ = 10 |
| 65) 1 + _____ = 10 | 70) _____ + 2 = 10 | 75) 8 + _____ = 10 | 80) _____ + 8 = 10 |

Revision

- | | | | |
|---------------------|----------------------|----------------------|----------------------|
| 81) $3 + 2 =$ _____ | 86) $1 + 3 =$ _____ | 91) $10 + 2 =$ _____ | 96) $6 + 2 =$ _____ |
| 82) $2 + 8 =$ _____ | 87) $3 + 5 =$ _____ | 92) $8 + 3 =$ _____ | 97) $10 + 3 =$ _____ |
| 83) $1 + 1 =$ _____ | 88) $2 + 4 =$ _____ | 93) $4 + 2 =$ _____ | 98) $10 + 1 =$ _____ |
| 84) $3 + 8 =$ _____ | 89) $2 + 3 =$ _____ | 94) $6 + 1 =$ _____ | 99) $7 + 3 =$ _____ |
| 85) $1 + 9 =$ _____ | 90) $2 + 10 =$ _____ | 95) $4 + 1 =$ _____ | 100) $9 + 2 =$ _____ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Rainbow facts are taught using a PAIRS TO TEN strategy: The sum of each pair of terms is 10. Pairs to ten are foundational for many other mathematical skills, such as giving change.

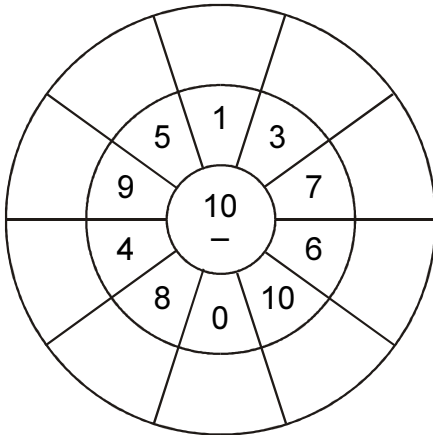


$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
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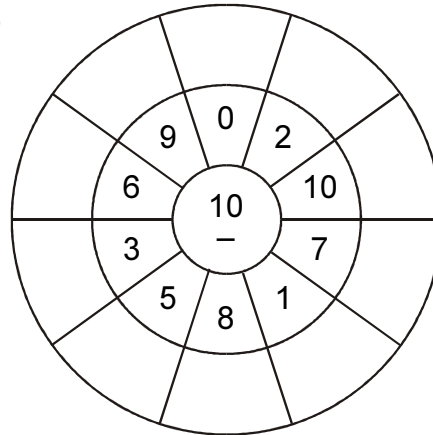
This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Completing the wheels help your child remember their numbers facts with daily practice.

Pairs to ten wheels

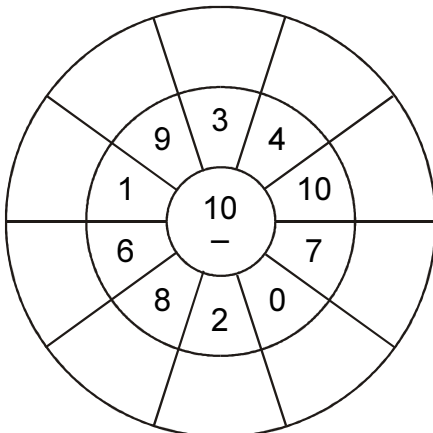
1)



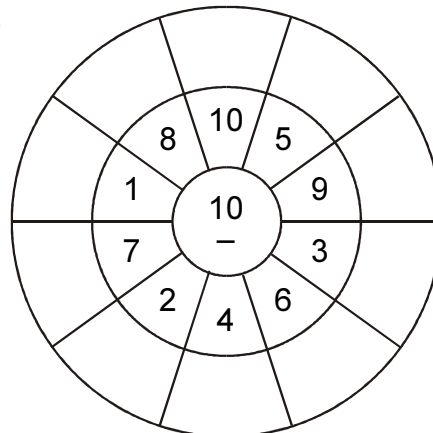
2)



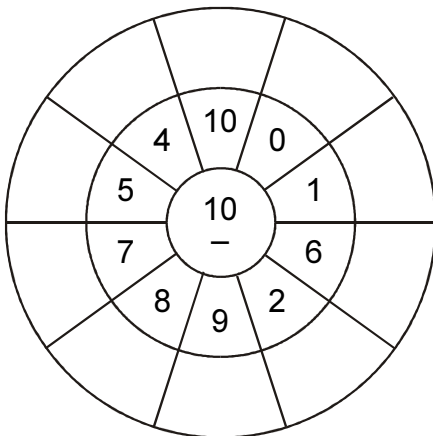
3)



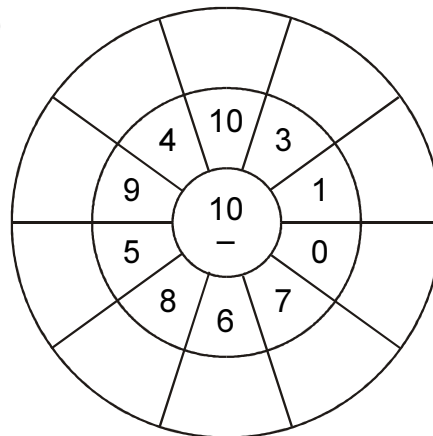
4)



5)



6)





$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

Add 0 & 10

- | | |
|---------------------|---------------------|
| 1) $3 + 0 =$ _____ | 6) $7 + 10 =$ _____ |
| 2) $3 + 10 =$ _____ | 7) $8 + 0 =$ _____ |
| 3) $9 + 0 =$ _____ | 8) $9 + 10 =$ _____ |
| 4) $8 + 10 =$ _____ | 9) $10 + 0 =$ _____ |
| 5) $6 + 10 =$ _____ | 10) $7 + 0 =$ _____ |

Take 0

- | | |
|---------------------|---------------------|
| 31) $9 - 0 =$ _____ | 36) $7 - 0 =$ _____ |
| 32) $0 - 0 =$ _____ | 37) $2 - 0 =$ _____ |
| 33) $1 - 0 =$ _____ | 38) $8 - 0 =$ _____ |
| 34) $6 - 0 =$ _____ | 39) $3 - 0 =$ _____ |
| 35) $5 - 0 =$ _____ | 40) $4 - 0 =$ _____ |

Turn around facts

- | | |
|-----------------------|----------------------|
| 11) $10 + 3 =$ _____ | 21) $10 + 2 =$ _____ |
| 12) $10 + 7 =$ _____ | 22) $0 + 0 =$ _____ |
| 13) $0 + 10 =$ _____ | 23) $10 + 6 =$ _____ |
| 14) $0 + 8 =$ _____ | 24) $0 + 3 =$ _____ |
| 15) $10 + 1 =$ _____ | 25) $0 + 6 =$ _____ |
| 16) $100 + 0 =$ _____ | 26) $0 + 4 =$ _____ |
| 17) $0 + 70 =$ _____ | 27) $0 + 1 =$ _____ |
| 18) $10 + 10 =$ _____ | 28) $0 + 5 =$ _____ |
| 19) $10 + 8 =$ _____ | 29) $0 + 2 =$ _____ |
| 20) $10 + 4 =$ _____ | 30) $10 + 5 =$ _____ |

Take 10 and 100

- | | |
|-----------------------|-------------------------|
| 41) $10 - 10 =$ _____ | 46) $150 - 100 =$ _____ |
| 42) $11 - 10 =$ _____ | 47) $190 - 100 =$ _____ |
| 43) $13 - 10 =$ _____ | 48) $170 - 100 =$ _____ |
| 44) $18 - 10 =$ _____ | 49) $140 - 100 =$ _____ |
| 45) $16 - 10 =$ _____ | 50) $120 - 100 =$ _____ |

Difference of 0, 10 and 100

- | | |
|-----------------------|------------------------|
| 51) $13 - 3 =$ _____ | 56) $170 - 70 =$ _____ |
| 52) $10 - 10 =$ _____ | 57) $110 - 10 =$ _____ |
| 53) $19 - 9 =$ _____ | 58) $40 - 40 =$ _____ |
| 54) $18 - 8 =$ _____ | 59) $60 - 60 =$ _____ |
| 55) $2 - 2 =$ _____ | 60) $150 - 50 =$ _____ |

Rainbow missing number, missing sum

- | | | | |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 61) $\underline{\quad} + 8 = 10$ | 66) $6 + \underline{\quad} = 10$ | 71) $\underline{\quad} + 4 = 10$ | 76) $0 + \underline{\quad} = 10$ |
| 62) $9 + 1 = \underline{\quad}$ | 67) $10 + 0 = \underline{\quad}$ | 72) $5 + 5 = \underline{\quad}$ | 77) $2 + 8 = \underline{\quad}$ |
| 63) $\underline{\quad} + 3 = 10$ | 68) $5 + 5 = \underline{\quad}$ | 73) $\underline{\quad} + 7 = 10$ | 78) $1 + 9 = \underline{\quad}$ |
| 64) $\underline{\quad} + 6 = 10$ | 69) $3 + \underline{\quad} = 10$ | 74) $\underline{\quad} + 3 = 10$ | 79) $4 + \underline{\quad} = 10$ |
| 65) $1 + \underline{\quad} = 10$ | 70) $\underline{\quad} + 2 = 10$ | 75) $8 + \underline{\quad} = 10$ | 80) $\underline{\quad} + 8 = 10$ |

Revision +3 extended to tens

- | | |
|-----------------------|-----------------------|
| 81) $30 + 30 =$ _____ | 86) $40 + 30 =$ _____ |
| 82) $90 + 30 =$ _____ | 87) $90 + 30 =$ _____ |
| 83) $70 + 30 =$ _____ | 88) $80 + 30 =$ _____ |
| 84) $30 + 20 =$ _____ | 89) $30 + 80 =$ _____ |
| 85) $10 + 30 =$ _____ | 90) $30 + 50 =$ _____ |

Revision difference of 3, -3 extended to tens

- | | |
|------------------------|------------------------|
| 91) $110 - 30 =$ _____ | 96) $90 - 30 =$ _____ |
| 92) $60 - 30 =$ _____ | 97) $80 - 50 =$ _____ |
| 93) $30 - 30 =$ _____ | 98) $70 - 40 =$ _____ |
| 94) $120 - 30 =$ _____ | 99) $100 - 70 =$ _____ |
| 95) $130 - 30 =$ _____ | 100) $50 - 30 =$ _____ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Plus 0 and plus 10 facts are SPECIAL CASES. The number zero is the "additive/subtractive identity", meaning that another number is unchanged by the action of adding/taking zero. Adding ten to a single digit number results in the associated teen number which has one ten and the single digit number of ones; most pairs of a single digit number and the associated teen number sound similar (eg, "six" and "sixteen"). This can be illustrated easily with a pair of ten frames.

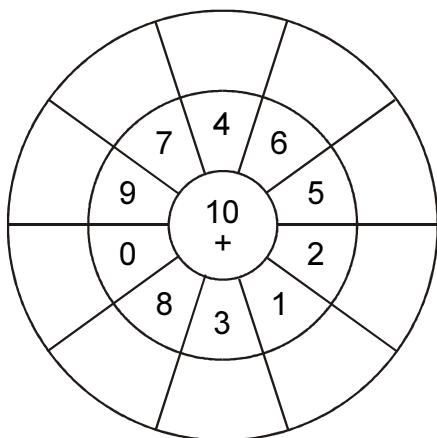


+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

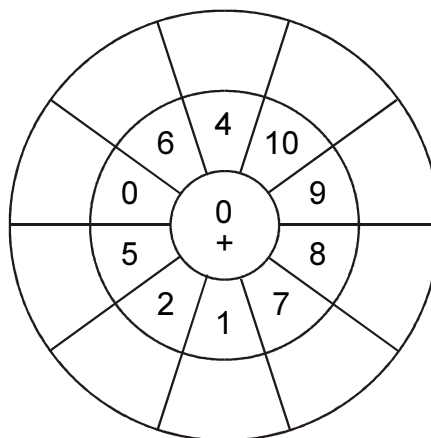
This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Completing the wheels help your child remember their numbers facts with daily practice.

+10, +0 Addition wheels

1)

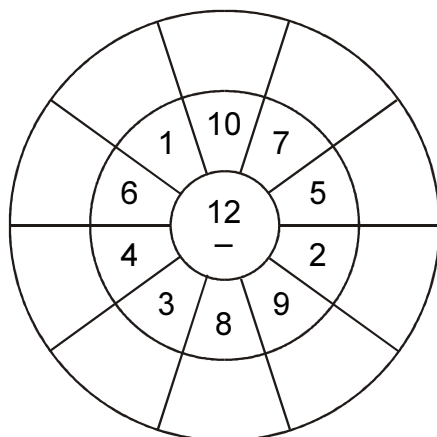


2)



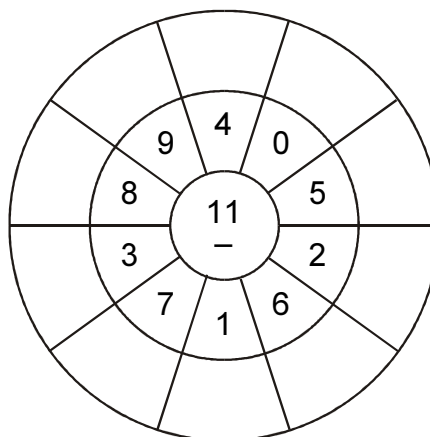
12 – Subtraction wheel

3)



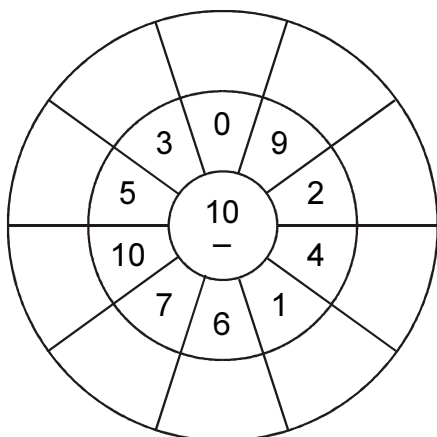
11 – Subtraction wheel

4)

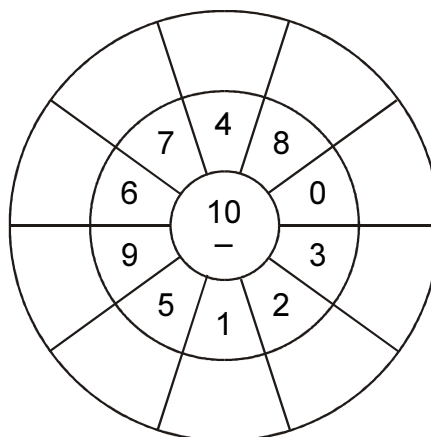


Pairs to ten rainbow wheels

5)



6)





$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	-------------	--------	---	---	-----

Double

- | | |
|----------------------|---------------------|
| 1) $2 + 2 =$ _____ | 11) $9 + 9 =$ _____ |
| 2) $7 + 7 =$ _____ | 12) $5 + 5 =$ _____ |
| 3) $6 + 6 =$ _____ | 13) $7 + 7 =$ _____ |
| 4) $1 + 1 =$ _____ | 14) $4 + 4 =$ _____ |
| 5) $1 + 1 =$ _____ | 15) $5 + 5 =$ _____ |
| 6) $0 + 0 =$ _____ | 16) $6 + 6 =$ _____ |
| 7) $5 + 5 =$ _____ | 17) $7 + 7 =$ _____ |
| 8) $9 + 9 =$ _____ | 18) $8 + 8 =$ _____ |
| 9) $10 + 10 =$ _____ | 19) $9 + 9 =$ _____ |
| 10) $6 + 6 =$ _____ | 20) $3 + 3 =$ _____ |

Missing number

- | | |
|----------------------------------|----------------------------------|
| 41) $3 + 3 =$ _____ | 51) $7 + \underline{\quad} = 14$ |
| 42) $4 + 4 =$ _____ | 52) $5 + 5 =$ _____ |
| 43) $7 + \underline{\quad} = 14$ | 53) $4 + 4 =$ _____ |
| 44) $9 + 9 =$ _____ | 54) $8 + \underline{\quad} = 16$ |
| 45) $\underline{\quad} + 6 = 12$ | 55) $7 + 7 =$ _____ |
| 46) $\underline{\quad} + 6 = 12$ | 56) $5 + 5 =$ _____ |
| 47) $5 + \underline{\quad} = 10$ | 57) $4 + \underline{\quad} = 10$ |
| 48) $\underline{\quad} + 2 = 4$ | 58) $\underline{\quad} + 9 = 18$ |
| 49) $3 + 3 =$ _____ | 59) $8 + \underline{\quad} = 16$ |
| 50) $6 + \underline{\quad} = 12$ | 60) $6 + \underline{\quad} = 12$ |

Halving

- | | |
|-----------------------|----------------------|
| 21) $16 - 8 =$ _____ | 31) $8 - 4 =$ _____ |
| 22) $12 - 6 =$ _____ | 32) $12 - 6 =$ _____ |
| 23) $10 - 5 =$ _____ | 33) $10 - 5 =$ _____ |
| 24) $8 - 4 =$ _____ | 34) $16 - 8 =$ _____ |
| 25) $20 - 10 =$ _____ | 35) $18 - 9 =$ _____ |
| 26) $2 - 1 =$ _____ | 36) $4 - 2 =$ _____ |
| 27) $6 - 3 =$ _____ | 37) $12 - 6 =$ _____ |
| 28) $20 - 10 =$ _____ | 38) $14 - 7 =$ _____ |
| 29) $18 - 9 =$ _____ | 39) $2 - 1 =$ _____ |
| 30) $16 - 8 =$ _____ | 40) $14 - 7 =$ _____ |

Missing number and extensions

- | | |
|------------------------------------|------------------------------------|
| 61) $70 + 70 =$ _____ | 71) $60 + \underline{\quad} = 120$ |
| 62) $60 + 60 =$ _____ | 72) $40 + 40 =$ _____ |
| 63) $40 + \underline{\quad} = 80$ | 73) $90 + 90 =$ _____ |
| 64) $20 + 20 =$ _____ | 74) $50 + \underline{\quad} = 100$ |
| 65) $\underline{\quad} + 90 = 180$ | 75) $30 + 30 =$ _____ |
| 66) $\underline{\quad} + 50 = 100$ | 76) $60 + 60 =$ _____ |
| 67) $70 + \underline{\quad} = 140$ | 77) $30 + \underline{\quad} = 60$ |
| 68) $\underline{\quad} + 80 = 160$ | 78) $\underline{\quad} + 50 = 100$ |
| 69) $70 + 70 =$ _____ | 79) $40 + \underline{\quad} = 80$ |
| 70) $80 + \underline{\quad} = 160$ | 80) $60 + \underline{\quad} = 120$ |

Addition revision

- | | |
|----------------------|---------------------|
| 81) $3 + 7 =$ _____ | 86) $3 + 8 =$ _____ |
| 82) $2 + 4 =$ _____ | 87) $1 + 4 =$ _____ |
| 83) $7 + 7 =$ _____ | 88) $2 + 7 =$ _____ |
| 84) $3 + 5 =$ _____ | 89) $9 + 9 =$ _____ |
| 85) $10 + 7 =$ _____ | 90) $8 + 8 =$ _____ |

Rainbow missing number

- | | |
|----------------------------------|-----------------------------------|
| 91) $\underline{\quad} + 4 = 10$ | 96) $\underline{\quad} + 9 = 10$ |
| 92) $\underline{\quad} + 5 = 10$ | 97) $7 + \underline{\quad} = 10$ |
| 93) $2 + \underline{\quad} = 10$ | 98) $8 + 2 =$ _____ |
| 94) $4 + 6 =$ _____ | 99) $\underline{\quad} + 10 = 10$ |
| 95) $\underline{\quad} + 7 = 10$ | 100) $9 + \underline{\quad} = 10$ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Doubles addition and subtraction number facts are taught using a DOUBLING/HALVING strategy, connecting to everyday situations in which numbers are doubled, or one half of a double is subtracted.

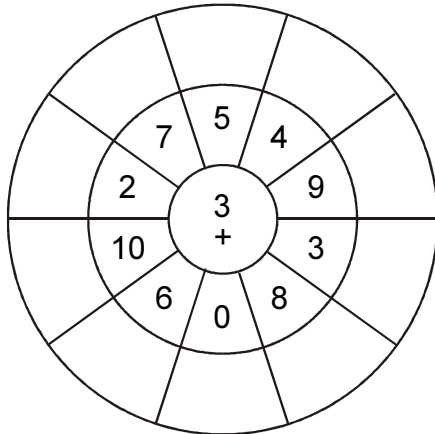


$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
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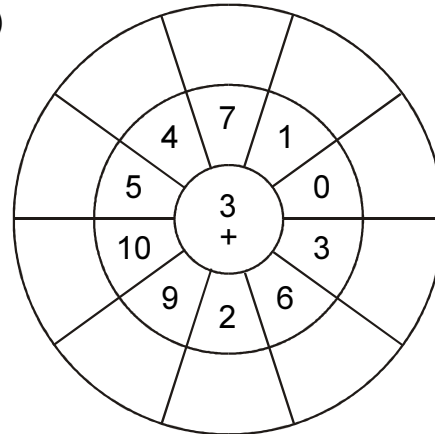
This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Completing the wheels help your child remember their numbers facts with daily practice.

Revision addition wheels

1)

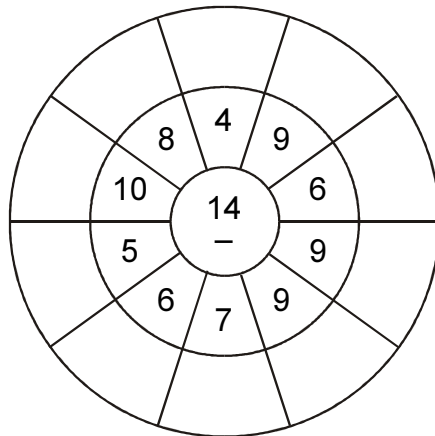


2)



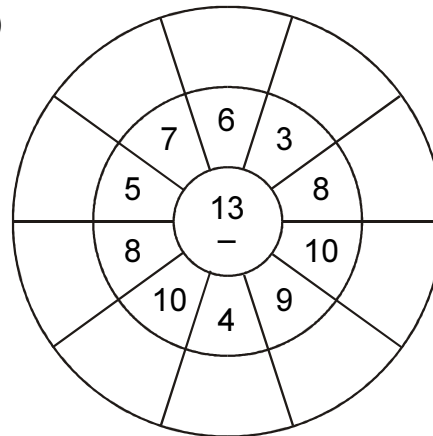
14 – Subtraction wheel

3)



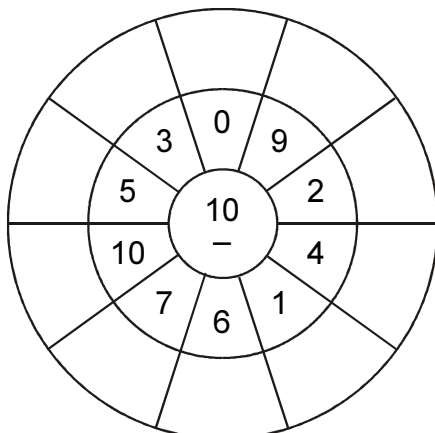
13 – Subtraction wheel

4)

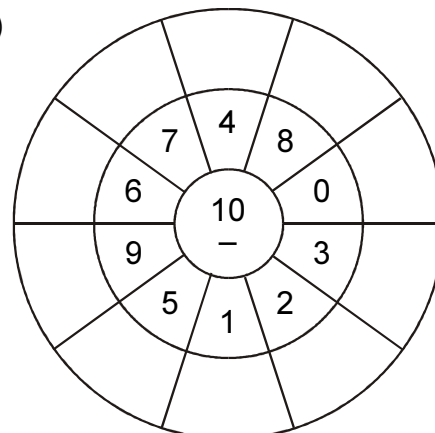


Pairs to ten rainbow wheels

5)



6)





$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
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Doubles +1

- | | |
|---------------------|----------------------|
| 1) $6 + 7 =$ _____ | 11) $5 + 5 =$ _____ |
| 2) $7 + 8 =$ _____ | 12) $4 + 5 =$ _____ |
| 3) $9 + 9 =$ _____ | 13) $8 + 9 =$ _____ |
| 4) $3 + 3 =$ _____ | 14) $4 + 4 =$ _____ |
| 5) $2 + 2 =$ _____ | 15) $3 + 4 =$ _____ |
| 6) $8 + 8 =$ _____ | 16) $5 + 6 =$ _____ |
| 7) $2 + 3 =$ _____ | 17) $5 + 6 =$ _____ |
| 8) $5 + 5 =$ _____ | 18) $7 + 7 =$ _____ |
| 9) $8 + 9 =$ _____ | 19) $8 + 8 =$ _____ |
| 10) $6 + 6 =$ _____ | 20) $9 + 10 =$ _____ |

Related to doubles +1

- | | |
|----------------------|----------------------|
| 41) $16 - 8 =$ _____ | 51) $11 - 5 =$ _____ |
| 42) $8 - 4 =$ _____ | 52) $15 - 7 =$ _____ |
| 43) $17 - 8 =$ _____ | 53) $14 - 7 =$ _____ |
| 44) $6 - 3 =$ _____ | 54) $14 - 7 =$ _____ |
| 45) $11 - 5 =$ _____ | 55) $9 - 4 =$ _____ |
| 46) $10 - 5 =$ _____ | 56) $13 - 6 =$ _____ |
| 47) $8 - 4 =$ _____ | 57) $10 - 5 =$ _____ |
| 48) $9 - 4 =$ _____ | 58) $15 - 7 =$ _____ |
| 49) $9 - 4 =$ _____ | 59) $8 - 4 =$ _____ |
| 50) $8 - 4 =$ _____ | 60) $7 - 3 =$ _____ |

Turn arounds and extensions

- | | |
|----------------------|-----------------------|
| 21) $9 + 9 =$ _____ | 31) $40 + 40 =$ _____ |
| 22) $7 + 6 =$ _____ | 32) $80 + 70 =$ _____ |
| 23) $2 + 2 =$ _____ | 33) $30 + 30 =$ _____ |
| 24) $6 + 6 =$ _____ | 34) $50 + 50 =$ _____ |
| 25) $7 + 7 =$ _____ | 35) $80 + 70 =$ _____ |
| 26) $7 + 6 =$ _____ | 36) $90 + 80 =$ _____ |
| 27) $6 + 5 =$ _____ | 37) $40 + 30 =$ _____ |
| 28) $10 + 9 =$ _____ | 38) $30 + 20 =$ _____ |
| 29) $8 + 8 =$ _____ | 39) $60 + 60 =$ _____ |
| 30) $7 + 7 =$ _____ | 40) $50 + 40 =$ _____ |

Turn arounds and extensions

- | | |
|----------------------|------------------------|
| 61) $8 - 4 =$ _____ | 71) $80 - 40 =$ _____ |
| 62) $6 - 3 =$ _____ | 72) $160 - 80 =$ _____ |
| 63) $13 - 6 =$ _____ | 73) $170 - 90 =$ _____ |
| 64) $12 - 6 =$ _____ | 74) $110 - 50 =$ _____ |
| 65) $11 - 5 =$ _____ | 75) $80 - 40 =$ _____ |
| 66) $7 - 3 =$ _____ | 76) $90 - 50 =$ _____ |
| 67) $14 - 7 =$ _____ | 77) $90 - 40 =$ _____ |
| 68) $14 - 7 =$ _____ | 78) $100 - 50 =$ _____ |
| 69) $15 - 7 =$ _____ | 79) $90 - 40 =$ _____ |
| 70) $15 - 7 =$ _____ | 80) $100 - 60 =$ _____ |

Doubles +1 extensions

- | | | | |
|-----------------------|-----------------------|-------------------------|--------------------------|
| 81) $50 + 60 =$ _____ | 86) $70 + 80 =$ _____ | 91) $40 +$ _____ $= 90$ | 96) _____ $+ 70 = 150$ |
| 82) $60 + 50 =$ _____ | 87) $40 + 30 =$ _____ | 92) $50 + 60 =$ _____ | 97) $70 +$ _____ $= 130$ |
| 83) $80 + 70 =$ _____ | 88) $30 + 20 =$ _____ | 93) _____ $+ 90 = 170$ | 98) _____ $+ 50 = 110$ |
| 84) $40 + 50 =$ _____ | 89) $80 + 90 =$ _____ | 94) $40 +$ _____ $= 70$ | 99) $30 +$ _____ $= 70$ |
| 85) $50 + 40 =$ _____ | 90) $70 + 60 =$ _____ | 95) _____ $+ 40 = 90$ | 100) $70 + 80 =$ _____ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Doubles +1 number facts are taught using a THINK OF DOUBLES strategy: once doubles are memorized, any double plus one fact is easily found by counting on one more. Doubles plus one facts are recognized by the pairing of two numbers that are consecutive counting numbers, their sum equalling double the smaller number plus one more.

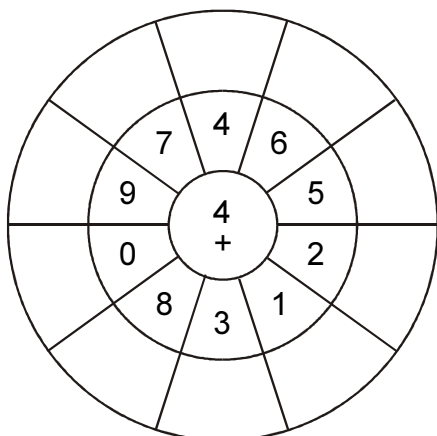


÷ 1 2 3 Rnbw 0&10 Dble **Dble+1** 9 8 All

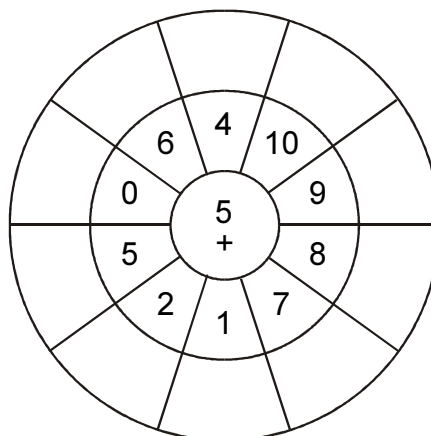
This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Completing the wheels help your child remember their numbers facts with daily practice.

+4, +5 Addition Wheels

1)

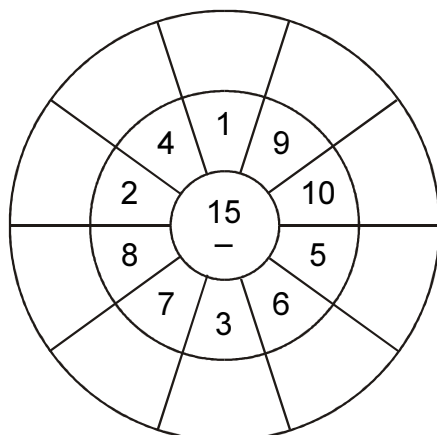


2)



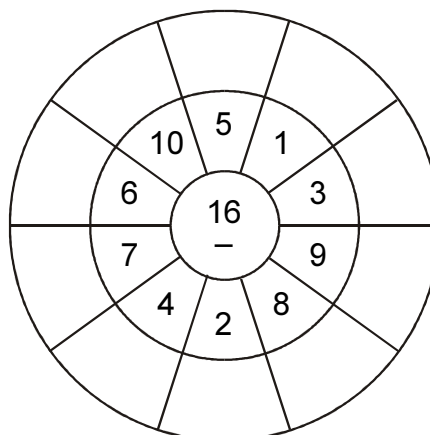
15 – Subtraction wheel

3)



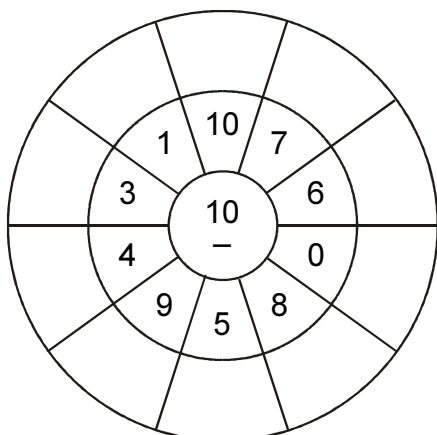
16 – Subtraction wheel

4)

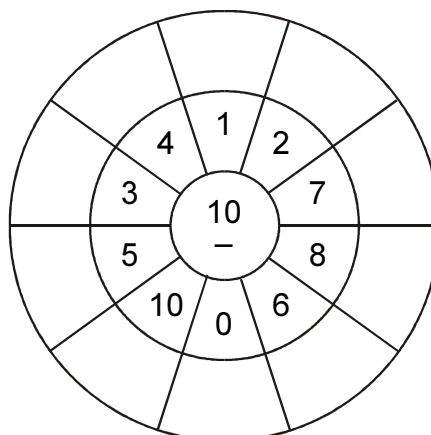


Pairs to ten rainbow wheels

5)



6)





$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

+9

- | | |
|---------------------|----------------------|
| 1) $5 + 9 =$ _____ | 11) $7 + 9 =$ _____ |
| 2) $8 + 9 =$ _____ | 12) $10 + 9 =$ _____ |
| 3) $7 + 9 =$ _____ | 13) $4 + 9 =$ _____ |
| 4) $3 + 9 =$ _____ | 14) $0 + 9 =$ _____ |
| 5) $1 + 9 =$ _____ | 15) $9 + 9 =$ _____ |
| 6) $6 + 9 =$ _____ | 16) $3 + 9 =$ _____ |
| 7) $2 + 9 =$ _____ | 17) $3 + 9 =$ _____ |
| 8) $8 + 9 =$ _____ | 18) $3 + 9 =$ _____ |
| 9) $1 + 9 =$ _____ | 19) $0 + 9 =$ _____ |
| 10) $7 + 9 =$ _____ | 20) $0 + 9 =$ _____ |

+9 Turn arounds and extensions

- | | |
|----------------------|------------------------|
| 21) $9 + 4 =$ _____ | 31) $90 + 100 =$ _____ |
| 22) $9 + 6 =$ _____ | 32) $90 + 30 =$ _____ |
| 23) $9 + 7 =$ _____ | 33) $90 + 90 =$ _____ |
| 24) $9 + 1 =$ _____ | 34) $90 + 20 =$ _____ |
| 25) $9 + 4 =$ _____ | 35) $90 + 10 =$ _____ |
| 26) $9 + 2 =$ _____ | 36) $90 + 40 =$ _____ |
| 27) $9 + 10 =$ _____ | 37) $90 + 50 =$ _____ |
| 28) $9 + 2 =$ _____ | 38) $90 + 40 =$ _____ |
| 29) $9 + 8 =$ _____ | 39) $90 + 40 =$ _____ |
| 30) $9 + 4 =$ _____ | 40) $90 + 0 =$ _____ |

+9 extended

- | | |
|-----------------------|-----------------------|
| 81) $90 + 70 =$ _____ | 86) $90 + 30 =$ _____ |
| 82) $90 + 60 =$ _____ | 87) $90 + 40 =$ _____ |
| 83) $90 + 50 =$ _____ | 88) $90 + 90 =$ _____ |
| 84) $90 + 60 =$ _____ | 89) $90 + 80 =$ _____ |
| 85) $90 + 40 =$ _____ | 90) $90 + 20 =$ _____ |

Difference of 9, -9 and extensions

- | | |
|----------------------|------------------------|
| 41) $10 - 9 =$ _____ | 61) $100 - 10 =$ _____ |
| 42) $16 - 7 =$ _____ | 62) $100 - 90 =$ _____ |
| 43) $11 - 2 =$ _____ | 63) $150 - 90 =$ _____ |
| 44) $15 - 6 =$ _____ | 64) $170 - 80 =$ _____ |
| 45) $12 - 3 =$ _____ | 65) $140 - 50 =$ _____ |
| 46) $17 - 8 =$ _____ | 66) $160 - 90 =$ _____ |
| 47) $13 - 9 =$ _____ | 67) $90 - 90 =$ _____ |
| 48) $16 - 9 =$ _____ | 68) $120 - 90 =$ _____ |
| 49) $18 - 9 =$ _____ | 69) $130 - 40 =$ _____ |
| 50) $13 - 4 =$ _____ | 70) $110 - 90 =$ _____ |
| 51) $17 - 8 =$ _____ | 71) $130 - 90 =$ _____ |
| 52) $13 - 9 =$ _____ | 72) $150 - 60 =$ _____ |
| 53) $10 - 1 =$ _____ | 73) $90 - 90 =$ _____ |
| 54) $16 - 7 =$ _____ | 74) $140 - 50 =$ _____ |
| 55) $16 - 7 =$ _____ | 75) $90 - 90 =$ _____ |
| 56) $12 - 9 =$ _____ | 76) $150 - 60 =$ _____ |
| 57) $13 - 4 =$ _____ | 77) $180 - 90 =$ _____ |
| 58) $11 - 9 =$ _____ | 78) $130 - 90 =$ _____ |
| 59) $14 - 5 =$ _____ | 79) $160 - 90 =$ _____ |
| 60) $16 - 7 =$ _____ | 80) $140 - 90 =$ _____ |

+9 extended missing number

- | | |
|----------------------|-----------------------|
| 91) _____ + 90 = 100 | 96) _____ + 90 = 110 |
| 92) _____ + 90 = 140 | 97) 80 + 90 = _____ |
| 93) _____ + 90 = 160 | 98) 40 + 90 = _____ |
| 94) 10 + 90 = _____ | 99) 30 + 90 = _____ |
| 95) _____ + 90 = 150 | 100) _____ + 90 = 180 |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Plus 9 number facts are taught using a NEAR TEN strategy: encourage students to think of adding ten, then subtracting one. Minus 9 facts are similar, encourage students to think of taking ten, then adding one. The difference of 9 requires students to think of taking the ones from the teen number, then adding one more. Ten frames are excellent for explaining these facts.

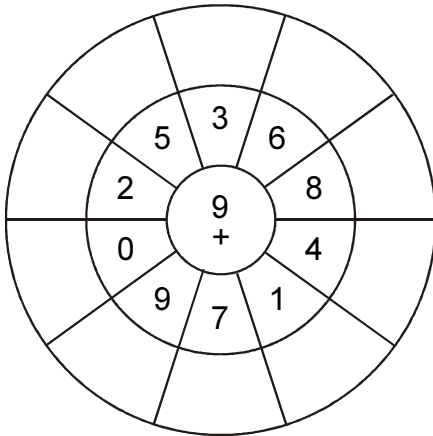


+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

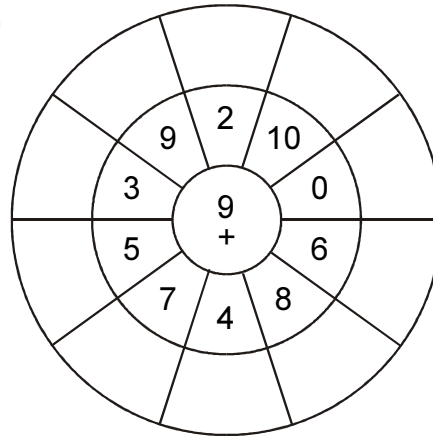
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+9 Addition wheels

1)

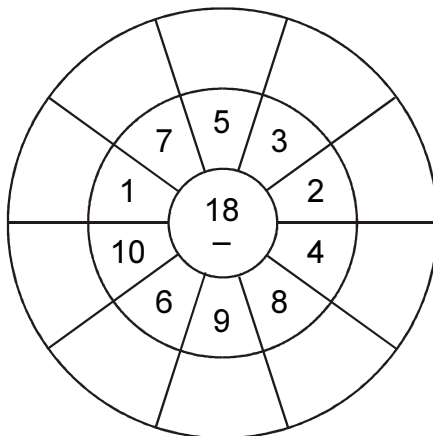


2)



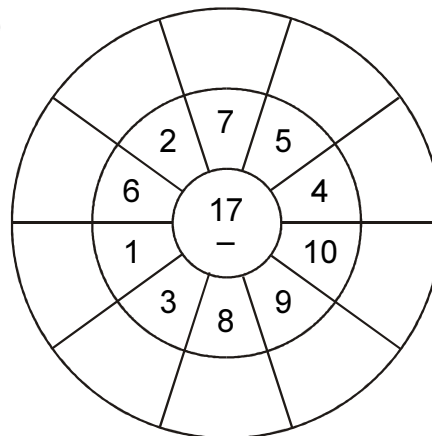
18 – Subtraction wheel

3)



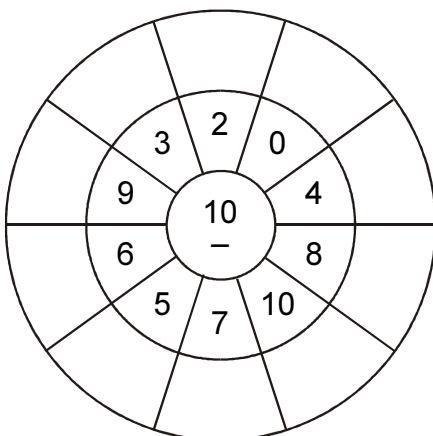
17 – Subtraction wheel

4)

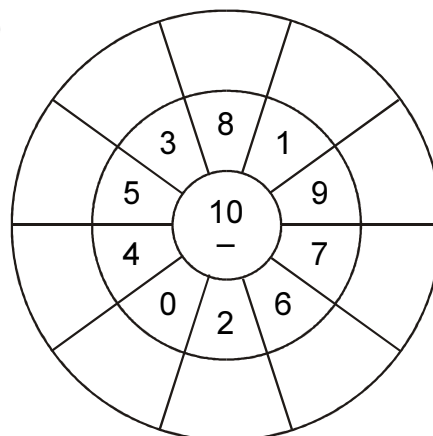


Pairs to Ten Rainbow Wheels

5)



6)





$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

+8 (near 10)

- | | |
|---------------------|----------------------|
| 1) $6 + 8 =$ _____ | 11) $0 + 8 =$ _____ |
| 2) $4 + 8 =$ _____ | 12) $2 + 8 =$ _____ |
| 3) $8 + 8 =$ _____ | 13) $2 + 8 =$ _____ |
| 4) $5 + 8 =$ _____ | 14) $3 + 8 =$ _____ |
| 5) $4 + 8 =$ _____ | 15) $9 + 8 =$ _____ |
| 6) $7 + 8 =$ _____ | 16) $7 + 8 =$ _____ |
| 7) $3 + 8 =$ _____ | 17) $1 + 8 =$ _____ |
| 8) $1 + 8 =$ _____ | 18) $10 + 8 =$ _____ |
| 9) $8 + 8 =$ _____ | 19) $0 + 8 =$ _____ |
| 10) $2 + 8 =$ _____ | 20) $7 + 8 =$ _____ |

Turn arounds

- | | |
|---------------------|---------------------|
| 21) $8 + 3 =$ _____ | 31) $8 + 9 =$ _____ |
| 22) $8 + 6 =$ _____ | 32) $8 + 8 =$ _____ |
| 23) $8 + 7 =$ _____ | 33) $8 + 6 =$ _____ |
| 24) $8 + 6 =$ _____ | 34) $8 + 5 =$ _____ |
| 25) $8 + 5 =$ _____ | 35) $8 + 5 =$ _____ |
| 26) $8 + 1 =$ _____ | 36) $8 + 6 =$ _____ |
| 27) $8 + 9 =$ _____ | 37) $8 + 2 =$ _____ |
| 28) $8 + 4 =$ _____ | 38) $8 + 3 =$ _____ |
| 29) $8 + 3 =$ _____ | 39) $8 + 5 =$ _____ |
| 30) $8 + 7 =$ _____ | 40) $8 + 3 =$ _____ |

+8 extended

- | | |
|------------------------|-----------------------|
| 81) $10 + 80 =$ _____ | 86) $20 + 80 =$ _____ |
| 82) $100 + 80 =$ _____ | 87) $80 + 80 =$ _____ |
| 83) $30 + 80 =$ _____ | 88) $60 + 80 =$ _____ |
| 84) $70 + 80 =$ _____ | 89) $40 + 80 =$ _____ |
| 85) $90 + 80 =$ _____ | 90) $50 + 80 =$ _____ |

Difference of 8, -8

- | | |
|----------------------|-----------------------|
| 41) $15 - 7 =$ _____ | 61) $10 - 8 =$ _____ |
| 42) $17 - 8 =$ _____ | 62) $13 - 5 =$ _____ |
| 43) $13 - 5 =$ _____ | 63) $14 - 8 =$ _____ |
| 44) $11 - 3 =$ _____ | 64) $10 - 2 =$ _____ |
| 45) $12 - 4 =$ _____ | 65) $15 - 8 =$ _____ |
| 46) $8 - 8 =$ _____ | 66) $16 - 8 =$ _____ |
| 47) $15 - 7 =$ _____ | 67) $9 - 8 =$ _____ |
| 48) $16 - 8 =$ _____ | 68) $10 - 2 =$ _____ |
| 49) $14 - 8 =$ _____ | 69) $8 - 8 =$ _____ |
| 50) $12 - 4 =$ _____ | 70) $17 - 9 =$ _____ |
| 51) $12 - 8 =$ _____ | 71) $13 - 5 =$ _____ |
| 52) $16 - 8 =$ _____ | 72) $11 - 8 =$ _____ |
| 53) $12 - 4 =$ _____ | 73) $9 - 1 =$ _____ |
| 54) $15 - 8 =$ _____ | 74) $18 - 10 =$ _____ |
| 55) $8 - 8 =$ _____ | 75) $10 - 2 =$ _____ |
| 56) $8 - 0 =$ _____ | 76) $17 - 9 =$ _____ |
| 57) $9 - 8 =$ _____ | 77) $13 - 5 =$ _____ |
| 58) $12 - 4 =$ _____ | 78) $11 - 3 =$ _____ |
| 59) $13 - 5 =$ _____ | 79) $11 - 8 =$ _____ |
| 60) $14 - 8 =$ _____ | 80) $10 - 8 =$ _____ |

+8 extended missing number

- | | |
|------------------------------------|------------------------------------|
| 91) $90 + \underline{\quad} = 170$ | 96) $70 + \underline{\quad} = 150$ |
| 92) $20 + 80 = \underline{\quad}$ | 97) $\underline{\quad} + 80 = 160$ |
| 93) $\underline{\quad} + 80 = 180$ | 98) $40 + \underline{\quad} = 120$ |
| 94) $30 + 80 = \underline{\quad}$ | 99) $60 + \underline{\quad} = 140$ |
| 95) $\underline{\quad} + 80 = 130$ | 100) $\underline{\quad} + 80 = 90$ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Plus 8 number facts are taught using a NEAR TEN strategy: encourage students to think of adding ten, then subtracting two. Minus 8 facts are similar, encourage students to think of taking ten, then adding two. The difference of 8 requires students to think of taking the ones from the teen number, then adding two more. Ten frames are excellent for explaining these facts.

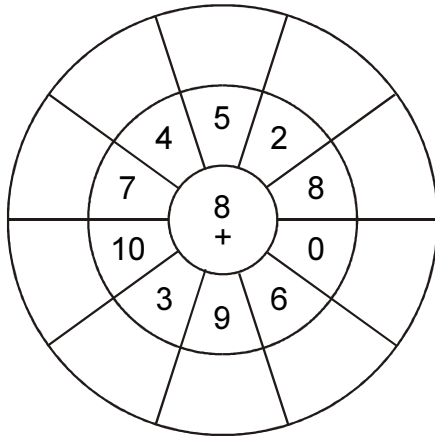


+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

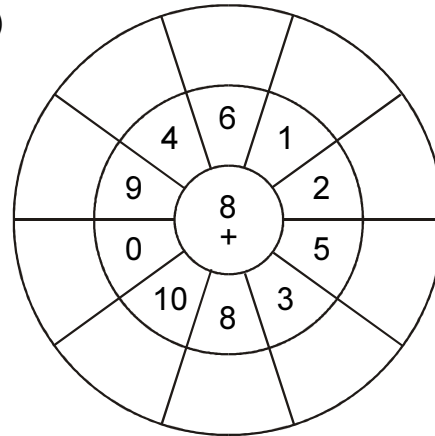
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+8 Addition wheels

1)

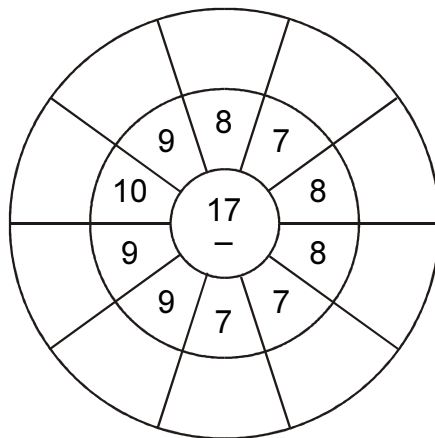


2)



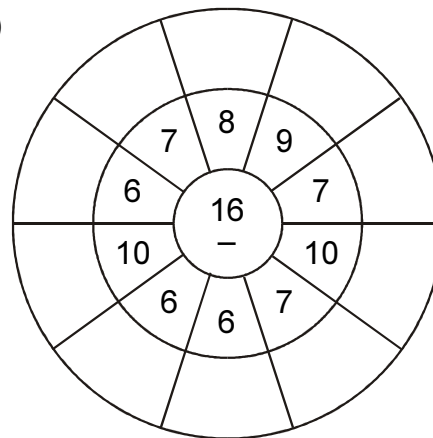
17 – Subtraction wheel

3)



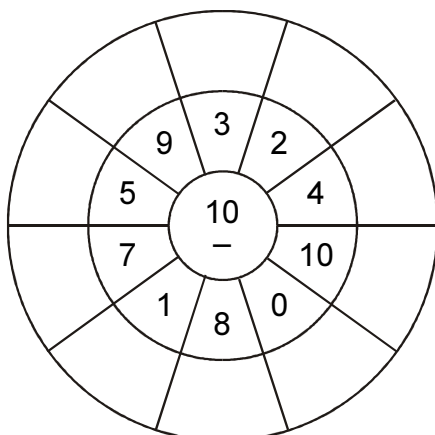
16 – Subtraction wheel

4)

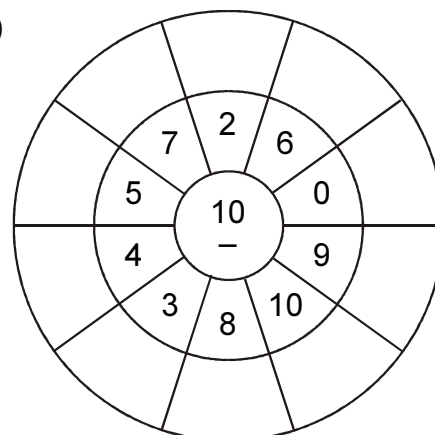


Pairs to ten rainbow wheels

5)



6)





Remaining addition facts (4+7) (5+7)

- | | |
|--------------------|---------------------|
| 1) $5 + 7 =$ _____ | 6) $7 + 5 =$ _____ |
| 2) $7 + 5 =$ _____ | 7) $4 + 7 =$ _____ |
| 3) $7 + 4 =$ _____ | 8) $7 + 4 =$ _____ |
| 4) $7 + 4 =$ _____ | 9) $5 + 7 =$ _____ |
| 5) $5 + 7 =$ _____ | 10) $4 + 7 =$ _____ |

Related remaining subtraction facts

- | | |
|----------------------|----------------------|
| 11) $11 - 7 =$ _____ | 16) $11 - 7 =$ _____ |
| 12) $12 - 7 =$ _____ | 17) $12 - 7 =$ _____ |
| 13) $12 - 7 =$ _____ | 18) $11 - 7 =$ _____ |
| 14) $11 - 7 =$ _____ | 19) $11 - 7 =$ _____ |
| 15) $12 - 7 =$ _____ | 20) $11 - 7 =$ _____ |

Missing addend revision

- | | |
|----------------------------|----------------------------|
| 21) $___ + 5 = 12$ | 36) $___ + 9 = 16$ |
| 22) $6 + ___ = 16$ | 37) $6 + ___ = 10$ |
| 23) $3 + 4 = ______$ | 38) $3 + ___ = 9$ |
| 24) $___ + 9 = 13$ | 39) $8 + ___ = 14$ |
| 25) $4 + ___ = 9$ | 40) $___ + 4 = 13$ |
| 26) $___ + 4 = 8$ | 41) $___ + 5 = 10$ |
| 27) $___ + 2 = 5$ | 42) $9 + 8 = ______$ |
| 28) $4 + 7 = ______$ | 43) $7 + 8 = ______$ |
| 29) $___ + 5 = 8$ | 44) $5 + 7 = ______$ |
| 30) $8 + 7 = ______$ | 45) $5 + ___ = 13$ |
| 31) $7 + ___ = 17$ | 46) $3 + ___ = 13$ |
| 32) $___ + 2 = 6$ | 47) $7 + ___ = 11$ |
| 33) $3 + ___ = 10$ | 48) $6 + ___ = 15$ |
| 34) $6 + 3 = ______$ | 49) $6 + 7 = ______$ |
| 35) $7 + 2 = ______$ | 50) $7 + ___ = 10$ |

Addition revision

- | | |
|---------------------|---------------------|
| 51) $7 + 6 =$ _____ | 66) $6 + 4 =$ _____ |
| 52) $4 + 8 =$ _____ | 67) $8 + 4 =$ _____ |
| 53) $6 + 6 =$ _____ | 68) $6 + 5 =$ _____ |
| 54) $6 + 7 =$ _____ | 69) $9 + 4 =$ _____ |
| 55) $7 + 5 =$ _____ | 70) $5 + 9 =$ _____ |
| 56) $9 + 5 =$ _____ | 71) $8 + 9 =$ _____ |
| 57) $6 + 9 =$ _____ | 72) $5 + 6 =$ _____ |
| 58) $2 + 7 =$ _____ | 73) $5 + 5 =$ _____ |
| 59) $4 + 4 =$ _____ | 74) $3 + 6 =$ _____ |
| 60) $9 + 7 =$ _____ | 75) $3 + 4 =$ _____ |
| 61) $2 + 8 =$ _____ | 76) $3 + 9 =$ _____ |
| 62) $9 + 9 =$ _____ | 77) $3 + 5 =$ _____ |
| 63) $3 + 8 =$ _____ | 78) $5 + 4 =$ _____ |
| 64) $4 + 9 =$ _____ | 79) $9 + 6 =$ _____ |
| 65) $2 + 5 =$ _____ | 80) $8 + 5 =$ _____ |

Subtraction extended revision

- | | |
|------------------------|-------------------------|
| 81) $150 - 60 =$ _____ | 91) $130 - 60 =$ _____ |
| 82) $110 - 50 =$ _____ | 92) $120 - 30 =$ _____ |
| 83) $150 - 70 =$ _____ | 93) $130 - 70 =$ _____ |
| 84) $60 - 20 =$ _____ | 94) $180 - 90 =$ _____ |
| 85) $120 - 50 =$ _____ | 95) $90 - 30 =$ _____ |
| 86) $110 - 40 =$ _____ | 96) $170 - 80 =$ _____ |
| 87) $100 - 30 =$ _____ | 97) $60 - 40 =$ _____ |
| 88) $150 - 60 =$ _____ | 98) $80 - 50 =$ _____ |
| 89) $110 - 80 =$ _____ | 99) $150 - 90 =$ _____ |
| 90) $150 - 70 =$ _____ | 100) $130 - 50 =$ _____ |

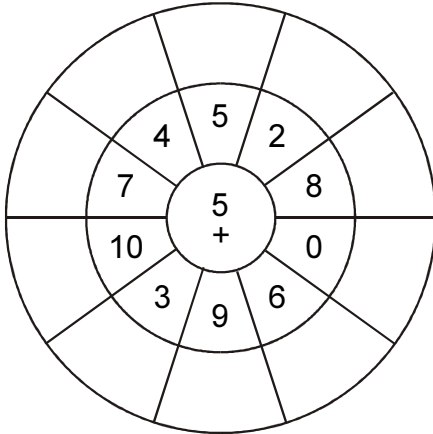
This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Once the previous recommended strategies have been learned, there are just two pairs of addition facts which remain: 7+4 and 7+5, and their turnaround facts. These facts can be learned as special cases, and students can be encouraged to think of related facts that help to memorize them. For example, 7+4 is just one more than the rainbow fact 7+3. A pair of ten frames can be used to illustrate 7+5, which will show that this sum is the same as double five plus two, or 12. The remainder of this worksheet includes revision of all strategies from previous worksheet sets.



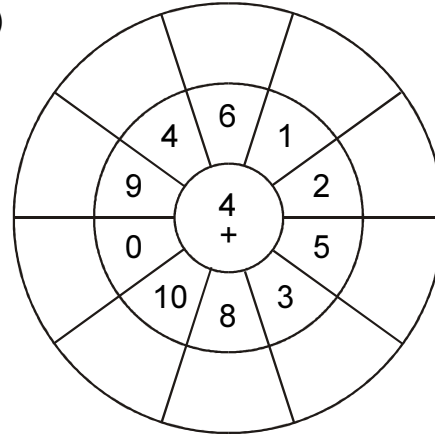
This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Completing the wheels help your child remember their numbers facts with daily practice.

+5, +4 Addition wheels

1)

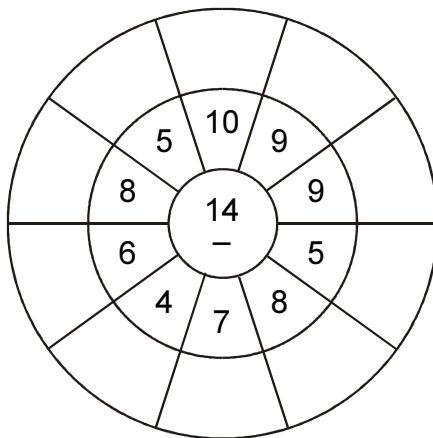


2)



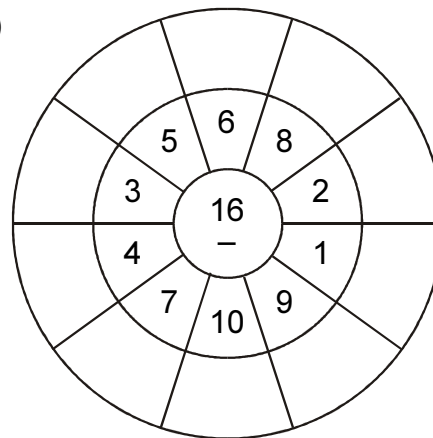
14 – Subtraction wheel

3)



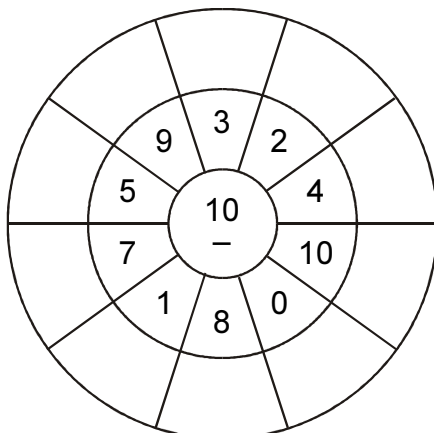
16 – Subtraction wheel

4)

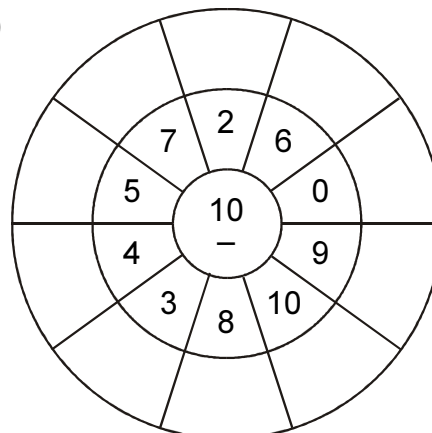


Pairs to ten rainbow wheels

5)



6)



Answer Keys

Answer Keys

Answer Keys are provided for all worksheets in this eBook. Each Answer Key is identified by the title in the header of the page, which is identical to the relevant worksheet.

Suggested Uses:

1. Put the complete set of answer keys in a folder for students to take when marking their own work.
2. Display the relevant answer key on a data projector, with or without an interactive whiteboard, to display the answers to students as they mark each other's responses.

Time:

Score:

Count On/Back 1: 1 [A]



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

Count on 1 and extensions

- | | |
|------------------|--------------------|
| 1) $8 + 1 = 9$ | 6) $20 + 10 = 30$ |
| 2) $1 + 1 = 2$ | 7) $60 + 10 = 70$ |
| 3) $10 + 1 = 11$ | 8) $70 + 10 = 80$ |
| 4) $9 + 1 = 10$ | 9) $30 + 10 = 40$ |
| 5) $5 + 1 = 6$ | 10) $40 + 10 = 50$ |

Count back 1 and extensions

- | | |
|-------------------|---------------------|
| 21) $11 - 1 = 10$ | 26) $60 - 10 = 50$ |
| 22) $5 - 1 = 4$ | 27) $100 - 10 = 90$ |
| 23) $2 - 1 = 1$ | 28) $30 - 10 = 20$ |
| 24) $9 - 1 = 8$ | 29) $40 - 10 = 30$ |
| 25) $8 - 1 = 7$ | 30) $70 - 10 = 60$ |

Turn arounds and extensions

- | | |
|------------------|----------------------|
| 11) $1 + 4 = 5$ | 16) $10 + 100 = 110$ |
| 12) $1 + 7 = 8$ | 17) $10 + 20 = 30$ |
| 13) $1 + 6 = 7$ | 18) $10 + 80 = 90$ |
| 14) $1 + 9 = 10$ | 19) $10 + 30 = 40$ |
| 15) $1 + 5 = 6$ | 20) $10 + 10 = 20$ |

Difference of 1, count back 1 and extensions

- | | |
|------------------|--------------------|
| 31) $8 - 1 = 7$ | 36) $20 - 10 = 10$ |
| 32) $3 - 1 = 2$ | 37) $60 - 10 = 50$ |
| 33) $10 - 1 = 9$ | 38) $70 - 10 = 60$ |
| 34) $4 - 1 = 3$ | 39) $50 - 10 = 40$ |
| 35) $1 - 1 = 0$ | 40) $90 - 10 = 80$ |

Missing number

- | | | | |
|-------------------|------------------|-------------------|-------------------|
| 41) $7 + 1 = 8$ | 51) $8 + 1 = 9$ | 61) $1 + 9 = 10$ | 71) $1 + 8 = 9$ |
| 42) $9 + 1 = 10$ | 52) $9 + 1 = 10$ | 62) $1 + 4 = 5$ | 72) $1 + 10 = 11$ |
| 43) $6 + 1 = 7$ | 53) $3 + 1 = 4$ | 63) $1 + 1 = 2$ | 73) $1 + 2 = 3$ |
| 44) $6 + 1 = 7$ | 54) $2 + 1 = 3$ | 64) $1 + 10 = 11$ | 74) $1 + 6 = 7$ |
| 45) $8 + 1 = 9$ | 55) $7 + 1 = 8$ | 65) $1 + 3 = 4$ | 75) $1 + 1 = 2$ |
| 46) $9 + 1 = 10$ | 56) $4 + 1 = 5$ | 66) $1 + 6 = 7$ | 76) $1 + 2 = 3$ |
| 47) $1 + 1 = 2$ | 57) $4 + 1 = 5$ | 67) $1 + 5 = 6$ | 77) $1 + 9 = 10$ |
| 48) $8 + 1 = 9$ | 58) $1 + 1 = 2$ | 68) $1 + 6 = 7$ | 78) $1 + 10 = 11$ |
| 49) $10 + 1 = 11$ | 59) $2 + 1 = 3$ | 69) $1 + 7 = 8$ | 79) $1 + 4 = 5$ |
| 50) $5 + 1 = 6$ | 60) $6 + 1 = 7$ | 70) $1 + 2 = 3$ | 80) $1 + 8 = 9$ |

+1 extensions

- | | |
|--------------------|---------------------|
| 81) $10 + 10 = 20$ | 86) $40 + 10 = 50$ |
| 82) $70 + 10 = 80$ | 87) $50 + 10 = 60$ |
| 83) $30 + 10 = 40$ | 88) $20 + 10 = 30$ |
| 84) $10 + 10 = 20$ | 89) $80 + 10 = 90$ |
| 85) $60 + 10 = 70$ | 90) $90 + 10 = 100$ |

Difference of 1, -1 extensions

- | | |
|--------------------|---------------------|
| 91) $50 - 10 = 40$ | 96) $60 - 10 = 50$ |
| 92) $30 - 10 = 20$ | 97) $100 - 90 = 10$ |
| 93) $40 - 30 = 10$ | 98) $10 - 10 = 0$ |
| 94) $20 - 10 = 10$ | 99) $80 - 70 = 10$ |
| 95) $90 - 80 = 10$ | 100) $70 - 60 = 10$ |

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Time:

Score:

Count On/Back 1: 1 [B]



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

Count on 1 and extensions

- | | |
|------------------|--------------------|
| 1) $10 + 1 = 11$ | 6) $50 + 10 = 60$ |
| 2) $4 + 1 = 5$ | 7) $70 + 10 = 80$ |
| 3) $8 + 1 = 9$ | 8) $60 + 10 = 70$ |
| 4) $2 + 1 = 3$ | 9) $30 + 10 = 40$ |
| 5) $9 + 1 = 10$ | 10) $10 + 10 = 20$ |

Turn arounds and extensions

- | | |
|-----------------|----------------------|
| 11) $1 + 7 = 8$ | 16) $10 + 100 = 110$ |
| 12) $1 + 6 = 7$ | 17) $10 + 80 = 90$ |
| 13) $1 + 5 = 6$ | 18) $10 + 20 = 30$ |
| 14) $1 + 3 = 4$ | 19) $10 + 90 = 100$ |
| 15) $1 + 4 = 5$ | 20) $10 + 10 = 20$ |

Count back 1 and extensions

- | | |
|-------------------|--------------------|
| 21) $8 - 1 = 7$ | 26) $40 - 10 = 30$ |
| 22) $10 - 1 = 9$ | 27) $70 - 10 = 60$ |
| 23) $11 - 1 = 10$ | 28) $20 - 10 = 10$ |
| 24) $5 - 1 = 4$ | 29) $90 - 10 = 80$ |
| 25) $3 - 1 = 2$ | 30) $60 - 10 = 50$ |

Difference of 1, count back 1 and extensions

- | | |
|-----------------|---------------------|
| 31) $4 - 1 = 3$ | 36) $100 - 10 = 90$ |
| 32) $5 - 1 = 4$ | 37) $10 - 10 = 0$ |
| 33) $9 - 1 = 8$ | 38) $60 - 10 = 50$ |
| 34) $8 - 1 = 7$ | 39) $70 - 10 = 60$ |
| 35) $2 - 1 = 1$ | 40) $30 - 10 = 20$ |

Missing number

- | | | | |
|-------------------|------------------|-------------------|-------------------|
| 41) $7 + 1 = 8$ | 51) $8 + 1 = 9$ | 61) $1 + 7 = 8$ | 71) $1 + 1 = 2$ |
| 42) $2 + 1 = 3$ | 52) $4 + 1 = 5$ | 62) $1 + 10 = 11$ | 72) $1 + 8 = 9$ |
| 43) $8 + 1 = 9$ | 53) $6 + 1 = 7$ | 63) $1 + 2 = 3$ | 73) $1 + 3 = 4$ |
| 44) $7 + 1 = 8$ | 54) $6 + 1 = 7$ | 64) $1 + 1 = 2$ | 74) $1 + 6 = 7$ |
| 45) $6 + 1 = 7$ | 55) $1 + 1 = 2$ | 65) $1 + 6 = 7$ | 75) $1 + 5 = 6$ |
| 46) $3 + 1 = 4$ | 56) $4 + 1 = 5$ | 66) $1 + 4 = 5$ | 76) $1 + 9 = 10$ |
| 47) $8 + 1 = 9$ | 57) $2 + 1 = 3$ | 67) $1 + 9 = 10$ | 77) $1 + 2 = 3$ |
| 48) $1 + 1 = 2$ | 58) $9 + 1 = 10$ | 68) $1 + 10 = 11$ | 78) $1 + 6 = 7$ |
| 49) $9 + 1 = 10$ | 59) $5 + 1 = 6$ | 69) $1 + 8 = 9$ | 79) $1 + 10 = 11$ |
| 50) $10 + 1 = 11$ | 60) $9 + 1 = 10$ | 70) $1 + 4 = 5$ | 80) $1 + 2 = 3$ |

+1 extensions

- | | |
|--------------------|---------------------|
| 81) $70 + 10 = 80$ | 86) $40 + 10 = 50$ |
| 82) $30 + 10 = 40$ | 87) $90 + 10 = 100$ |
| 83) $60 + 10 = 70$ | 88) $50 + 10 = 60$ |
| 84) $20 + 10 = 30$ | 89) $80 + 10 = 90$ |
| 85) $10 + 10 = 20$ | 90) $10 + 10 = 20$ |

Difference of 1, -1 extensions

- | | |
|--------------------|----------------------|
| 91) $40 - 30 = 10$ | 96) $50 - 10 = 40$ |
| 92) $30 - 10 = 20$ | 97) $80 - 70 = 10$ |
| 93) $90 - 80 = 10$ | 98) $20 - 10 = 10$ |
| 94) $60 - 10 = 50$ | 99) $70 - 60 = 10$ |
| 95) $10 - 10 = 0$ | 100) $100 - 90 = 10$ |

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Time:

Score:

Count On/Back 1: 1 [C]



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

Count on 1 and extensions

- | | |
|-----------------|---------------------|
| 1) $7 + 1 = 8$ | 6) $100 + 10 = 110$ |
| 2) $9 + 1 = 10$ | 7) $60 + 10 = 70$ |
| 3) $8 + 1 = 9$ | 8) $50 + 10 = 60$ |
| 4) $4 + 1 = 5$ | 9) $10 + 10 = 20$ |
| 5) $3 + 1 = 4$ | 10) $20 + 10 = 30$ |

Turn arounds and extensions

- | | |
|-------------------|---------------------|
| 11) $1 + 5 = 6$ | 16) $10 + 10 = 20$ |
| 12) $1 + 2 = 3$ | 17) $10 + 90 = 100$ |
| 13) $1 + 8 = 9$ | 18) $10 + 30 = 40$ |
| 14) $1 + 7 = 8$ | 19) $10 + 60 = 70$ |
| 15) $1 + 10 = 11$ | 20) $10 + 40 = 50$ |

Count back 1 and extensions

- | | |
|-------------------|---------------------|
| 21) $5 - 1 = 4$ | 26) $100 - 10 = 90$ |
| 22) $9 - 1 = 8$ | 27) $20 - 10 = 10$ |
| 23) $8 - 1 = 7$ | 28) $40 - 10 = 30$ |
| 24) $11 - 1 = 10$ | 29) $30 - 10 = 20$ |
| 25) $6 - 1 = 5$ | 30) $70 - 10 = 60$ |

Difference of 1, count back 1 and extensions

- | | |
|------------------|--------------------|
| 31) $3 - 1 = 2$ | 36) $20 - 10 = 10$ |
| 32) $1 - 1 = 0$ | 37) $70 - 10 = 60$ |
| 33) $8 - 1 = 7$ | 38) $50 - 10 = 40$ |
| 34) $4 - 1 = 3$ | 39) $90 - 10 = 80$ |
| 35) $10 - 1 = 9$ | 40) $60 - 10 = 50$ |

Missing number

- | | | | |
|------------------|-------------------|-------------------|-------------------|
| 41) $7 + 1 = 8$ | 51) $6 + 1 = 7$ | 61) $1 + 8 = 9$ | 71) $1 + 9 = 10$ |
| 42) $7 + 1 = 8$ | 52) $8 + 1 = 9$ | 62) $1 + 6 = 7$ | 72) $1 + 1 = 2$ |
| 43) $8 + 1 = 9$ | 53) $6 + 1 = 7$ | 63) $1 + 10 = 11$ | 73) $1 + 4 = 5$ |
| 44) $4 + 1 = 5$ | 54) $8 + 1 = 9$ | 64) $1 + 6 = 7$ | 74) $1 + 2 = 3$ |
| 45) $4 + 1 = 5$ | 55) $3 + 1 = 4$ | 65) $1 + 4 = 5$ | 75) $1 + 10 = 11$ |
| 46) $9 + 1 = 10$ | 56) $9 + 1 = 10$ | 66) $1 + 5 = 6$ | 76) $1 + 9 = 10$ |
| 47) $2 + 1 = 3$ | 57) $1 + 1 = 2$ | 67) $1 + 8 = 9$ | 77) $1 + 1 = 2$ |
| 48) $9 + 1 = 10$ | 58) $6 + 1 = 7$ | 68) $1 + 2 = 3$ | 78) $1 + 3 = 4$ |
| 49) $1 + 1 = 2$ | 59) $2 + 1 = 3$ | 69) $1 + 2 = 3$ | 79) $1 + 6 = 7$ |
| 50) $5 + 1 = 6$ | 60) $10 + 1 = 11$ | 70) $1 + 7 = 8$ | 80) $1 + 10 = 11$ |

+1 extensions

- | | |
|--------------------|---------------------|
| 81) $10 + 10 = 20$ | 86) $70 + 10 = 80$ |
| 82) $60 + 10 = 70$ | 87) $80 + 10 = 90$ |
| 83) $20 + 10 = 30$ | 88) $30 + 10 = 40$ |
| 84) $10 + 10 = 20$ | 89) $50 + 10 = 60$ |
| 85) $40 + 10 = 50$ | 90) $90 + 10 = 100$ |

Difference of 1, -1 extensions

- | | |
|---------------------|---------------------|
| 91) $40 - 30 = 10$ | 96) $50 - 10 = 40$ |
| 92) $80 - 70 = 10$ | 97) $30 - 10 = 20$ |
| 93) $10 - 10 = 0$ | 98) $20 - 10 = 10$ |
| 94) $100 - 90 = 10$ | 99) $90 - 80 = 10$ |
| 95) $60 - 10 = 50$ | 100) $70 - 60 = 10$ |

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Time:

Score:

Count On/Back 1: 1 [D]



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

Count on 1 and extensions

- | | |
|----------------|---------------------|
| 1) $1 + 1 = 2$ | 6) $80 + 10 = 90$ |
| 2) $5 + 1 = 6$ | 7) $100 + 10 = 110$ |
| 3) $3 + 1 = 4$ | 8) $70 + 10 = 80$ |
| 4) $4 + 1 = 5$ | 9) $60 + 10 = 70$ |
| 5) $2 + 1 = 3$ | 10) $90 + 10 = 100$ |

Turn arounds and extensions

- | | |
|------------------|----------------------|
| 11) $1 + 1 = 2$ | 16) $10 + 60 = 70$ |
| 12) $1 + 7 = 8$ | 17) $10 + 30 = 40$ |
| 13) $1 + 2 = 3$ | 18) $10 + 40 = 50$ |
| 14) $1 + 8 = 9$ | 19) $10 + 50 = 60$ |
| 15) $1 + 9 = 10$ | 20) $10 + 100 = 110$ |

Count back 1

- | | |
|-------------------|------------------|
| 21) $11 - 1 = 10$ | 26) $10 - 1 = 9$ |
| 22) $2 - 1 = 1$ | 27) $5 - 1 = 4$ |
| 23) $9 - 1 = 8$ | 28) $3 - 1 = 2$ |
| 24) $4 - 1 = 3$ | 29) $8 - 1 = 7$ |
| 25) $7 - 1 = 6$ | 30) $6 - 1 = 5$ |

Difference of 1, count back 1

- | | |
|-----------------|------------------|
| 31) $1 - 1 = 0$ | 36) $9 - 1 = 8$ |
| 32) $7 - 1 = 6$ | 37) $10 - 1 = 9$ |
| 33) $3 - 1 = 2$ | 38) $5 - 1 = 4$ |
| 34) $8 - 1 = 7$ | 39) $6 - 1 = 5$ |
| 35) $2 - 1 = 1$ | 40) $4 - 1 = 3$ |

Missing number

- | | | | |
|-----------------|-------------------|-------------------|-------------------|
| 41) $4 + 1 = 5$ | 51) $8 + 1 = 9$ | 61) $1 + 8 = 9$ | 71) $1 + 1 = 2$ |
| 42) $6 + 1 = 7$ | 52) $10 + 1 = 11$ | 62) $1 + 7 = 8$ | 72) $1 + 9 = 10$ |
| 43) $2 + 1 = 3$ | 53) $4 + 1 = 5$ | 63) $1 + 6 = 7$ | 73) $1 + 4 = 5$ |
| 44) $8 + 1 = 9$ | 54) $1 + 1 = 2$ | 64) $1 + 2 = 3$ | 74) $1 + 6 = 7$ |
| 45) $2 + 1 = 3$ | 55) $5 + 1 = 6$ | 65) $1 + 5 = 6$ | 75) $1 + 2 = 3$ |
| 46) $6 + 1 = 7$ | 56) $9 + 1 = 10$ | 66) $1 + 6 = 7$ | 76) $1 + 3 = 4$ |
| 47) $1 + 1 = 2$ | 57) $3 + 1 = 4$ | 67) $1 + 9 = 10$ | 77) $1 + 10 = 11$ |
| 48) $7 + 1 = 8$ | 58) $8 + 1 = 9$ | 68) $1 + 4 = 5$ | 78) $1 + 1 = 2$ |
| 49) $6 + 1 = 7$ | 59) $9 + 1 = 10$ | 69) $1 + 10 = 11$ | 79) $1 + 8 = 9$ |
| 50) $7 + 1 = 8$ | 60) $9 + 1 = 10$ | 70) $1 + 2 = 3$ | 80) $1 + 10 = 11$ |

+1 extensions

- | | |
|---------------------|--------------------|
| 81) $80 + 10 = 90$ | 86) $20 + 10 = 30$ |
| 82) $60 + 10 = 70$ | 87) $40 + 10 = 50$ |
| 83) $90 + 10 = 100$ | 88) $70 + 10 = 80$ |
| 84) $30 + 10 = 40$ | 89) $50 + 10 = 60$ |
| 85) $10 + 10 = 20$ | 90) $10 + 10 = 20$ |

Difference of 1, -1 extensions

- | | |
|--------------------|----------------------|
| 91) $30 - 10 = 20$ | 96) $40 - 30 = 10$ |
| 92) $90 - 80 = 10$ | 97) $80 - 70 = 10$ |
| 93) $50 - 10 = 40$ | 98) $60 - 10 = 50$ |
| 94) $20 - 10 = 10$ | 99) $10 - 10 = 0$ |
| 95) $70 - 60 = 10$ | 100) $100 - 90 = 10$ |

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Time:

Score:

Count On/Back 2: 2 [A]



$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

Count on 2

- | | |
|------------------|------------------|
| 1) $8 + 2 = 10$ | 11) $7 + 2 = 9$ |
| 2) $6 + 2 = 8$ | 12) $9 + 2 = 11$ |
| 3) $4 + 2 = 6$ | 13) $1 + 2 = 3$ |
| 4) $10 + 2 = 12$ | 14) $5 + 2 = 7$ |
| 5) $2 + 2 = 4$ | 15) $3 + 2 = 5$ |
| 6) $5 + 2 = 7$ | 16) $3 + 2 = 5$ |
| 7) $2 + 2 = 4$ | 17) $8 + 2 = 10$ |
| 8) $7 + 2 = 9$ | 18) $6 + 2 = 8$ |
| 9) $4 + 2 = 6$ | 19) $1 + 2 = 3$ |
| 10) $5 + 2 = 7$ | 20) $6 + 2 = 8$ |

Turn arounds

- | | |
|------------------|-------------------|
| 21) $2 + 5 = 7$ | 26) $2 + 9 = 11$ |
| 22) $2 + 7 = 9$ | 27) $2 + 4 = 6$ |
| 23) $2 + 8 = 10$ | 28) $2 + 10 = 12$ |
| 24) $2 + 1 = 3$ | 29) $2 + 3 = 5$ |
| 25) $2 + 6 = 8$ | 30) $2 + 2 = 4$ |

Missing number

- | | | | |
|-------------------|-----------------|------------------|-------------------|
| 61) $1 + 2 = 3$ | 66) $5 + 2 = 7$ | 71) $2 + 8 = 10$ | 76) $1 + 9 = 10$ |
| 62) $10 + 1 = 11$ | 67) $4 + 2 = 6$ | 72) $1 + 2 = 3$ | 77) $1 + 7 = 8$ |
| 63) $5 + 1 = 6$ | 68) $2 + 2 = 4$ | 73) $1 + 3 = 4$ | 78) $1 + 8 = 9$ |
| 64) $9 + 2 = 11$ | 69) $8 + 1 = 9$ | 74) $1 + 4 = 5$ | 79) $2 + 10 = 12$ |
| 65) $8 + 2 = 10$ | 70) $3 + 2 = 5$ | 75) $2 + 1 = 3$ | 80) $1 + 6 = 7$ |

+2 extensions

- | | |
|---------------------|---------------------|
| 81) $80 + 20 = 100$ | 86) $90 + 20 = 110$ |
| 82) $50 + 20 = 70$ | 87) $10 + 20 = 30$ |
| 83) $40 + 20 = 60$ | 88) $90 + 20 = 110$ |
| 84) $70 + 20 = 90$ | 89) $10 + 20 = 30$ |
| 85) $30 + 20 = 50$ | 90) $60 + 20 = 80$ |

Count back 2

- | | |
|------------------|-------------------|
| 31) $9 - 2 = 7$ | 36) $5 - 2 = 3$ |
| 32) $7 - 2 = 5$ | 37) $3 - 2 = 1$ |
| 33) $6 - 2 = 4$ | 38) $10 - 2 = 8$ |
| 34) $4 - 2 = 2$ | 39) $8 - 2 = 6$ |
| 35) $11 - 2 = 9$ | 40) $12 - 2 = 10$ |

Difference of 2, count back 2

- | | |
|------------------|-----------------|
| 41) $10 - 8 = 2$ | 51) $9 - 7 = 2$ |
| 42) $7 - 5 = 2$ | 52) $3 - 1 = 2$ |
| 43) $6 - 2 = 4$ | 53) $4 - 2 = 2$ |
| 44) $8 - 6 = 2$ | 54) $5 - 2 = 3$ |
| 45) $4 - 2 = 2$ | 55) $7 - 5 = 2$ |
| 46) $6 - 4 = 2$ | 56) $7 - 2 = 5$ |
| 47) $8 - 2 = 6$ | 57) $5 - 3 = 2$ |
| 48) $8 - 6 = 2$ | 58) $3 - 2 = 1$ |
| 49) $6 - 2 = 4$ | 59) $3 - 1 = 2$ |
| 50) $6 - 4 = 2$ | 60) $9 - 2 = 7$ |

Difference of 2, -2 extensions

- | | |
|---------------------|----------------------|
| 91) $30 - 20 = 10$ | 96) $40 - 20 = 20$ |
| 92) $70 - 50 = 20$ | 97) $50 - 20 = 30$ |
| 93) $110 - 20 = 90$ | 98) $120 - 20 = 100$ |
| 94) $100 - 80 = 20$ | 99) $90 - 20 = 70$ |
| 95) $60 - 20 = 40$ | 100) $80 - 60 = 20$ |

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Time:

Score:

Count On/Back 2: 2 [B]



$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

Count on 2

- | | |
|------------------|------------------|
| 1) $8 + 2 = 10$ | 11) $7 + 2 = 9$ |
| 2) $6 + 2 = 8$ | 12) $9 + 2 = 11$ |
| 3) $4 + 2 = 6$ | 13) $1 + 2 = 3$ |
| 4) $10 + 2 = 12$ | 14) $5 + 2 = 7$ |
| 5) $2 + 2 = 4$ | 15) $3 + 2 = 5$ |
| 6) $5 + 2 = 7$ | 16) $3 + 2 = 5$ |
| 7) $2 + 2 = 4$ | 17) $8 + 2 = 10$ |
| 8) $7 + 2 = 9$ | 18) $6 + 2 = 8$ |
| 9) $4 + 2 = 6$ | 19) $1 + 2 = 3$ |
| 10) $5 + 2 = 7$ | 20) $6 + 2 = 8$ |

Turn arounds

- | | |
|------------------|-------------------|
| 21) $2 + 5 = 7$ | 26) $2 + 9 = 11$ |
| 22) $2 + 7 = 9$ | 27) $2 + 4 = 6$ |
| 23) $2 + 8 = 10$ | 28) $2 + 10 = 12$ |
| 24) $2 + 1 = 3$ | 29) $2 + 3 = 5$ |
| 25) $2 + 6 = 8$ | 30) $2 + 2 = 4$ |

Missing number

- | | | | |
|-------------------|-----------------|------------------|-------------------|
| 61) $1 + 2 = 3$ | 66) $5 + 2 = 7$ | 71) $2 + 8 = 10$ | 76) $1 + 9 = 10$ |
| 62) $10 + 1 = 11$ | 67) $4 + 2 = 6$ | 72) $1 + 2 = 3$ | 77) $1 + 7 = 8$ |
| 63) $5 + 1 = 6$ | 68) $2 + 2 = 4$ | 73) $1 + 3 = 4$ | 78) $1 + 8 = 9$ |
| 64) $9 + 2 = 11$ | 69) $8 + 1 = 9$ | 74) $1 + 4 = 5$ | 79) $2 + 10 = 12$ |
| 65) $8 + 2 = 10$ | 70) $3 + 2 = 5$ | 75) $2 + 1 = 3$ | 80) $1 + 6 = 7$ |

+2 extensions

- | | |
|--------------------|---------------------|
| 81) $70 + 20 = 90$ | 86) $80 + 20 = 100$ |
| 82) $50 + 20 = 70$ | 87) $90 + 20 = 110$ |
| 83) $10 + 20 = 30$ | 88) $30 + 20 = 50$ |
| 84) $10 + 20 = 30$ | 89) $90 + 20 = 110$ |
| 85) $60 + 20 = 80$ | 90) $40 + 20 = 60$ |

Count back 2

- | | |
|------------------|-------------------|
| 31) $9 - 2 = 7$ | 36) $5 - 2 = 3$ |
| 32) $7 - 2 = 5$ | 37) $3 - 2 = 1$ |
| 33) $6 - 2 = 4$ | 38) $10 - 2 = 8$ |
| 34) $4 - 2 = 2$ | 39) $8 - 2 = 6$ |
| 35) $11 - 2 = 9$ | 40) $12 - 2 = 10$ |

Difference of 2, count back 2

- | | |
|------------------|-----------------|
| 41) $10 - 8 = 2$ | 51) $9 - 7 = 2$ |
| 42) $7 - 5 = 2$ | 52) $3 - 1 = 2$ |
| 43) $6 - 2 = 4$ | 53) $4 - 2 = 2$ |
| 44) $8 - 6 = 2$ | 54) $5 - 2 = 3$ |
| 45) $4 - 2 = 2$ | 55) $7 - 5 = 2$ |
| 46) $6 - 4 = 2$ | 56) $7 - 2 = 5$ |
| 47) $8 - 2 = 6$ | 57) $5 - 3 = 2$ |
| 48) $8 - 6 = 2$ | 58) $3 - 2 = 1$ |
| 49) $6 - 2 = 4$ | 59) $3 - 1 = 2$ |
| 50) $6 - 4 = 2$ | 60) $9 - 2 = 7$ |

Difference of 2, -2 extensions

- | | |
|---------------------|----------------------|
| 91) $30 - 20 = 10$ | 96) $40 - 20 = 20$ |
| 92) $70 - 50 = 20$ | 97) $50 - 20 = 30$ |
| 93) $110 - 20 = 90$ | 98) $120 - 20 = 100$ |
| 94) $100 - 80 = 20$ | 99) $90 - 20 = 70$ |
| 95) $60 - 20 = 40$ | 100) $80 - 60 = 20$ |

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Time:

Score:

Count On/Back 2: 2 [C]



$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

Count on 2 and extensions

- | | |
|------------------|------------------|
| 1) $3 + 2 = 5$ | 11) $1 + 2 = 3$ |
| 2) $9 + 2 = 11$ | 12) $3 + 2 = 5$ |
| 3) $2 + 2 = 4$ | 13) $2 + 2 = 4$ |
| 4) $8 + 2 = 10$ | 14) $8 + 2 = 10$ |
| 5) $7 + 2 = 9$ | 15) $6 + 2 = 8$ |
| 6) $10 + 2 = 12$ | 16) $4 + 2 = 6$ |
| 7) $1 + 2 = 3$ | 17) $6 + 2 = 8$ |
| 8) $5 + 2 = 7$ | 18) $7 + 2 = 9$ |
| 9) $5 + 2 = 7$ | 19) $5 + 2 = 7$ |
| 10) $4 + 2 = 6$ | 20) $6 + 2 = 8$ |

Turn arounds

- | | |
|------------------|-------------------|
| 21) $2 + 3 = 5$ | 26) $2 + 6 = 8$ |
| 22) $2 + 8 = 10$ | 27) $2 + 9 = 11$ |
| 23) $2 + 4 = 6$ | 28) $2 + 5 = 7$ |
| 24) $2 + 2 = 4$ | 29) $2 + 7 = 9$ |
| 25) $2 + 1 = 3$ | 30) $2 + 10 = 12$ |

Missing number

- | | | | |
|------------------------------|-------------------------------|-------------------------------|------------------------------|
| 61) $\underline{2} + 2 = 4$ | 66) $4 + \underline{2} = 6$ | 71) $\underline{1} + 7 = 8$ | 76) $1 + \underline{3} = 4$ |
| 62) $5 + \underline{1} = 6$ | 67) $8 + 2 = \underline{10}$ | 72) $1 + 4 = \underline{5}$ | 77) $1 + 6 = \underline{7}$ |
| 63) $\underline{8} + 1 = 9$ | 68) $5 + 2 = \underline{7}$ | 73) $\underline{2} + 1 = 3$ | 78) $2 + 8 = \underline{10}$ |
| 64) $\underline{9} + 2 = 11$ | 69) $10 + \underline{1} = 11$ | 74) $\underline{2} + 10 = 12$ | 79) $1 + \underline{9} = 10$ |
| 65) $3 + \underline{2} = 5$ | 70) $\underline{1} + 2 = 3$ | 75) $1 + \underline{8} = 9$ | 80) $\underline{1} + 2 = 3$ |

+2 extensions

- | | |
|---------------------|---------------------|
| 81) $90 + 20 = 110$ | 86) $30 + 20 = 50$ |
| 82) $60 + 20 = 80$ | 87) $50 + 20 = 70$ |
| 83) $10 + 20 = 30$ | 88) $90 + 20 = 110$ |
| 84) $80 + 20 = 100$ | 89) $40 + 20 = 60$ |
| 85) $10 + 20 = 30$ | 90) $70 + 20 = 90$ |

Count back 2

- | | |
|------------------|-------------------|
| 31) $7 - 2 = 5$ | 36) $5 - 2 = 3$ |
| 32) $8 - 2 = 6$ | 37) $11 - 2 = 9$ |
| 33) $3 - 2 = 1$ | 38) $12 - 2 = 10$ |
| 34) $9 - 2 = 7$ | 39) $4 - 2 = 2$ |
| 35) $10 - 2 = 8$ | 40) $6 - 2 = 4$ |

Difference of 2, count back 2 and extensions

- | | |
|------------------|--------------------|
| 41) $8 - 6 = 2$ | 51) $50 - 30 = 20$ |
| 42) $9 - 2 = 7$ | 52) $60 - 20 = 40$ |
| 43) $8 - 2 = 6$ | 53) $60 - 40 = 20$ |
| 44) $7 - 5 = 2$ | 54) $70 - 50 = 20$ |
| 45) $8 - 6 = 2$ | 55) $50 - 20 = 30$ |
| 46) $3 - 1 = 2$ | 56) $90 - 70 = 20$ |
| 47) $10 - 8 = 2$ | 57) $60 - 40 = 20$ |
| 48) $4 - 2 = 2$ | 58) $60 - 20 = 40$ |
| 49) $7 - 2 = 5$ | 59) $30 - 10 = 20$ |
| 50) $4 - 2 = 2$ | 60) $30 - 20 = 10$ |

Difference of 2, -2 extensions

- | | |
|---------------------|----------------------|
| 91) $110 - 20 = 90$ | 96) $30 - 20 = 10$ |
| 92) $90 - 20 = 70$ | 97) $50 - 20 = 30$ |
| 93) $70 - 50 = 20$ | 98) $120 - 20 = 100$ |
| 94) $40 - 20 = 20$ | 99) $100 - 80 = 20$ |
| 95) $80 - 60 = 20$ | 100) $60 - 20 = 40$ |

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Time:

Score:

Count On/Back 2: 2 [D]



$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

Count on 2 and extensions

- | | |
|------------------|------------------|
| 1) $6 + 2 = 8$ | 11) $9 + 2 = 11$ |
| 2) $6 + 2 = 8$ | 12) $3 + 2 = 5$ |
| 3) $8 + 2 = 10$ | 13) $6 + 2 = 8$ |
| 4) $4 + 2 = 6$ | 14) $5 + 2 = 7$ |
| 5) $2 + 2 = 4$ | 15) $1 + 2 = 3$ |
| 6) $3 + 2 = 5$ | 16) $7 + 2 = 9$ |
| 7) $10 + 2 = 12$ | 17) $4 + 2 = 6$ |
| 8) $5 + 2 = 7$ | 18) $7 + 2 = 9$ |
| 9) $5 + 2 = 7$ | 19) $8 + 2 = 10$ |
| 10) $1 + 2 = 3$ | 20) $2 + 2 = 4$ |

Turn arounds

- | | |
|------------------|-------------------|
| 21) $2 + 2 = 4$ | 26) $2 + 3 = 5$ |
| 22) $2 + 4 = 6$ | 27) $2 + 9 = 11$ |
| 23) $2 + 7 = 9$ | 28) $2 + 6 = 8$ |
| 24) $2 + 8 = 10$ | 29) $2 + 5 = 7$ |
| 25) $2 + 1 = 3$ | 30) $2 + 10 = 12$ |

Missing number

- | | | | |
|-------------------|------------------|-------------------|------------------|
| 61) $3 + 2 = 5$ | 66) $4 + 2 = 6$ | 71) $2 + 10 = 12$ | 76) $1 + 9 = 10$ |
| 62) $5 + 1 = 6$ | 67) $2 + 2 = 4$ | 72) $1 + 2 = 3$ | 77) $2 + 8 = 10$ |
| 63) $10 + 1 = 11$ | 68) $1 + 2 = 3$ | 73) $1 + 4 = 5$ | 78) $1 + 6 = 7$ |
| 64) $8 + 1 = 9$ | 69) $9 + 2 = 11$ | 74) $1 + 7 = 8$ | 79) $1 + 3 = 4$ |
| 65) $5 + 2 = 7$ | 70) $8 + 2 = 10$ | 75) $2 + 1 = 3$ | 80) $1 + 8 = 9$ |

+2 extensions

- | | |
|---------------------|---------------------|
| 81) $10 + 20 = 30$ | 86) $70 + 20 = 90$ |
| 82) $10 + 20 = 30$ | 87) $60 + 20 = 80$ |
| 83) $90 + 20 = 110$ | 88) $50 + 20 = 70$ |
| 84) $90 + 20 = 110$ | 89) $80 + 20 = 100$ |
| 85) $30 + 20 = 50$ | 90) $40 + 20 = 60$ |

Count back 2

- | | |
|-------------------|------------------|
| 31) $12 - 2 = 10$ | 36) $5 - 2 = 3$ |
| 32) $11 - 2 = 9$ | 37) $9 - 2 = 7$ |
| 33) $4 - 2 = 2$ | 38) $7 - 2 = 5$ |
| 34) $3 - 2 = 1$ | 39) $8 - 2 = 6$ |
| 35) $6 - 2 = 4$ | 40) $10 - 2 = 8$ |

Difference of 2, count back 2 and extensions

- | | |
|-----------------|---------------------|
| 41) $4 - 2 = 2$ | 51) $80 - 60 = 20$ |
| 42) $5 - 3 = 2$ | 52) $50 - 20 = 30$ |
| 43) $6 - 4 = 2$ | 53) $30 - 20 = 10$ |
| 44) $7 - 2 = 5$ | 54) $80 - 20 = 60$ |
| 45) $6 - 4 = 2$ | 55) $90 - 70 = 20$ |
| 46) $3 - 1 = 2$ | 56) $60 - 20 = 40$ |
| 47) $6 - 2 = 4$ | 57) $70 - 50 = 20$ |
| 48) $9 - 2 = 7$ | 58) $70 - 20 = 50$ |
| 49) $3 - 1 = 2$ | 59) $80 - 60 = 20$ |
| 50) $4 - 2 = 2$ | 60) $100 - 80 = 20$ |

Difference of 2, -2 extensions

- | | |
|----------------------|----------------------|
| 91) $100 - 80 = 20$ | 96) $30 - 20 = 10$ |
| 92) $120 - 20 = 100$ | 97) $90 - 20 = 70$ |
| 93) $70 - 50 = 20$ | 98) $60 - 20 = 40$ |
| 94) $50 - 20 = 30$ | 99) $40 - 20 = 20$ |
| 95) $80 - 60 = 20$ | 100) $110 - 20 = 90$ |

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Time:

Score:

Count On/Back 3: 3 [A]



$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

Count on 3

- | | |
|-----------------|-------------------|
| 1) $1 + 3 = 4$ | 11) $2 + 3 = 5$ |
| 2) $9 + 3 = 12$ | 12) $6 + 3 = 9$ |
| 3) $5 + 3 = 8$ | 13) $10 + 3 = 13$ |
| 4) $8 + 3 = 11$ | 14) $7 + 3 = 10$ |
| 5) $3 + 3 = 6$ | 15) $4 + 3 = 7$ |
| 6) $1 + 3 = 4$ | 16) $8 + 3 = 11$ |
| 7) $3 + 3 = 6$ | 17) $7 + 3 = 10$ |
| 8) $2 + 3 = 5$ | 18) $8 + 3 = 11$ |
| 9) $8 + 3 = 11$ | 19) $10 + 3 = 13$ |
| 10) $1 + 3 = 4$ | 20) $1 + 3 = 4$ |

Count back 3

- | | |
|------------------|------------------|
| 31) $10 - 3 = 7$ | 36) $9 - 3 = 6$ |
| 32) $5 - 3 = 2$ | 37) $11 - 3 = 8$ |
| 33) $4 - 3 = 1$ | 38) $6 - 3 = 3$ |
| 34) $8 - 3 = 5$ | 39) $12 - 3 = 9$ |
| 35) $7 - 3 = 4$ | 40) $9 - 3 = 6$ |

Difference of 3, count back 3

- | | |
|-------------------|------------------|
| 41) $10 - 7 = 3$ | 51) $5 - 2 = 3$ |
| 42) $13 - 10 = 3$ | 52) $11 - 8 = 3$ |
| 43) $7 - 4 = 3$ | 53) $7 - 3 = 4$ |
| 44) $8 - 5 = 3$ | 54) $4 - 1 = 3$ |
| 45) $12 - 3 = 9$ | 55) $9 - 3 = 6$ |
| 46) $12 - 9 = 3$ | 56) $10 - 7 = 3$ |
| 47) $10 - 7 = 3$ | 57) $6 - 3 = 3$ |
| 48) $6 - 3 = 3$ | 58) $11 - 8 = 3$ |
| 49) $10 - 3 = 7$ | 59) $11 - 2 = 9$ |
| 50) $9 - 6 = 3$ | 60) $8 - 5 = 3$ |

Turn arounds

- | | |
|------------------|-------------------|
| 21) $3 + 5 = 8$ | 26) $3 + 1 = 4$ |
| 22) $3 + 4 = 7$ | 27) $3 + 7 = 10$ |
| 23) $3 + 8 = 11$ | 28) $3 + 9 = 12$ |
| 24) $3 + 3 = 6$ | 29) $3 + 6 = 9$ |
| 25) $3 + 2 = 5$ | 30) $3 + 10 = 13$ |

Missing number

- | | | | |
|-------------------|------------------|------------------|-------------------|
| 61) $3 + 2 = 5$ | 66) $2 + 2 = 4$ | 71) $2 + 4 = 6$ | 76) $2 + 2 = 4$ |
| 62) $10 + 3 = 13$ | 67) $6 + 2 = 8$ | 72) $3 + 9 = 12$ | 77) $2 + 8 = 10$ |
| 63) $9 + 2 = 11$ | 68) $2 + 3 = 5$ | 73) $3 + 2 = 5$ | 78) $1 + 7 = 8$ |
| 64) $1 + 2 = 3$ | 69) $7 + 3 = 10$ | 74) $3 + 3 = 6$ | 79) $1 + 2 = 3$ |
| 65) $1 + 3 = 4$ | 70) $8 + 2 = 10$ | 75) $2 + 5 = 7$ | 80) $2 + 10 = 12$ |

+3 extensions

- | | |
|---------------------|---------------------|
| 81) $80 + 30 = 110$ | 86) $70 + 30 = 100$ |
| 82) $30 + 20 = 50$ | 87) $10 + 30 = 40$ |
| 83) $90 + 30 = 120$ | 88) $90 + 30 = 120$ |
| 84) $40 + 30 = 70$ | 89) $30 + 50 = 80$ |
| 85) $30 + 30 = 60$ | 90) $30 + 80 = 110$ |

Difference of 3, -3 extensions

- | | |
|----------------------|----------------------|
| 91) $100 - 70 = 30$ | 96) $30 - 30 = 0$ |
| 92) $130 - 30 = 100$ | 97) $90 - 30 = 60$ |
| 93) $70 - 40 = 30$ | 98) $60 - 30 = 30$ |
| 94) $50 - 30 = 20$ | 99) $110 - 30 = 80$ |
| 95) $80 - 50 = 30$ | 100) $120 - 30 = 90$ |

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Time:

Score:

Count On/Back 3: 3 [B]



$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	------	------	------	--------	---	---	-----

Count on 3

- | | |
|------------------|-------------------|
| 1) $1 + 3 = 4$ | 11) $3 + 3 = 6$ |
| 2) $8 + 3 = 11$ | 12) $8 + 3 = 11$ |
| 3) $6 + 3 = 9$ | 13) $10 + 3 = 13$ |
| 4) $10 + 3 = 13$ | 14) $8 + 3 = 11$ |
| 5) $9 + 3 = 12$ | 15) $2 + 3 = 5$ |
| 6) $4 + 3 = 7$ | 16) $5 + 3 = 8$ |
| 7) $2 + 3 = 5$ | 17) $1 + 3 = 4$ |
| 8) $8 + 3 = 11$ | 18) $3 + 3 = 6$ |
| 9) $7 + 3 = 10$ | 19) $7 + 3 = 10$ |
| 10) $1 + 3 = 4$ | 20) $1 + 3 = 4$ |

Count back 3

- | | |
|------------------|-----------------|
| 31) $4 - 3 = 1$ | 36) $7 - 3 = 4$ |
| 32) $9 - 3 = 6$ | 37) $6 - 3 = 3$ |
| 33) $12 - 3 = 9$ | 38) $5 - 3 = 2$ |
| 34) $11 - 3 = 8$ | 39) $9 - 3 = 6$ |
| 35) $10 - 3 = 7$ | 40) $8 - 3 = 5$ |

Difference of 3, count back 3

- | | |
|------------------|-------------------|
| 41) $11 - 8 = 3$ | 51) $9 - 3 = 6$ |
| 42) $7 - 3 = 4$ | 52) $11 - 2 = 9$ |
| 43) $12 - 3 = 9$ | 53) $10 - 7 = 3$ |
| 44) $10 - 7 = 3$ | 54) $11 - 8 = 3$ |
| 45) $10 - 3 = 7$ | 55) $8 - 5 = 3$ |
| 46) $12 - 9 = 3$ | 56) $13 - 10 = 3$ |
| 47) $6 - 3 = 3$ | 57) $6 - 3 = 3$ |
| 48) $8 - 5 = 3$ | 58) $7 - 4 = 3$ |
| 49) $9 - 6 = 3$ | 59) $5 - 2 = 3$ |
| 50) $4 - 1 = 3$ | 60) $10 - 7 = 3$ |

Turn arounds

- | | |
|-------------------|------------------|
| 21) $3 + 8 = 11$ | 26) $3 + 7 = 10$ |
| 22) $3 + 2 = 5$ | 27) $3 + 1 = 4$ |
| 23) $3 + 10 = 13$ | 28) $3 + 5 = 8$ |
| 24) $3 + 6 = 9$ | 29) $3 + 3 = 6$ |
| 25) $3 + 4 = 7$ | 30) $3 + 9 = 12$ |

Missing number

- | | | | |
|-------------------------------|------------------------------|-------------------------------|------------------------------|
| 61) $\underline{9} + 2 = 11$ | 66) $3 + \underline{2} = 5$ | 71) $\underline{2} + 4 = 6$ | 76) $1 + \underline{2} = 3$ |
| 62) $1 + 2 = \underline{3}$ | 67) $2 + 2 = \underline{4}$ | 72) $2 + 10 = \underline{12}$ | 77) $2 + 5 = \underline{7}$ |
| 63) $\underline{1} + 3 = 4$ | 68) $7 + 3 = \underline{10}$ | 73) $\underline{2} + 2 = 4$ | 78) $3 + 9 = \underline{12}$ |
| 64) $\underline{8} + 2 = 10$ | 69) $6 + \underline{2} = 8$ | 74) $\underline{2} + 8 = 10$ | 79) $3 + \underline{3} = 6$ |
| 65) $10 + \underline{3} = 13$ | 70) $\underline{2} + 3 = 5$ | 75) $1 + \underline{7} = 8$ | 80) $\underline{3} + 2 = 5$ |

+3 extensions

- | | |
|---------------------------------|---------------------------------|
| 81) $40 + 30 = \underline{70}$ | 86) $30 + 80 = \underline{110}$ |
| 82) $30 + 30 = \underline{60}$ | 87) $80 + 30 = \underline{110}$ |
| 83) $90 + 30 = \underline{120}$ | 88) $30 + 20 = \underline{50}$ |
| 84) $30 + 50 = \underline{80}$ | 89) $70 + 30 = \underline{100}$ |
| 85) $10 + 30 = \underline{40}$ | 90) $90 + 30 = \underline{120}$ |

Difference of 3, -3 extensions

- | | |
|---------------------------------|----------------------------------|
| 91) $90 - 30 = \underline{60}$ | 96) $80 - 50 = \underline{30}$ |
| 92) $100 - 70 = \underline{30}$ | 97) $130 - 30 = \underline{100}$ |
| 93) $60 - 30 = \underline{30}$ | 98) $30 - 30 = \underline{0}$ |
| 94) $120 - 30 = \underline{90}$ | 99) $70 - 40 = \underline{30}$ |
| 95) $50 - 20 = \underline{30}$ | 100) $110 - 30 = \underline{80}$ |

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Time:

Score:

Count On/Back 3: 3 [C]



$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

Count on 3

- | | |
|------------------|-------------------|
| 1) $8 + 3 = 11$ | 11) $10 + 3 = 13$ |
| 2) $8 + 3 = 11$ | 12) $5 + 3 = 8$ |
| 3) $6 + 3 = 9$ | 13) $7 + 3 = 10$ |
| 4) $8 + 3 = 11$ | 14) $1 + 3 = 4$ |
| 5) $9 + 3 = 12$ | 15) $1 + 3 = 4$ |
| 6) $1 + 3 = 4$ | 16) $3 + 3 = 6$ |
| 7) $1 + 3 = 4$ | 17) $8 + 3 = 11$ |
| 8) $2 + 3 = 5$ | 18) $3 + 3 = 6$ |
| 9) $10 + 3 = 13$ | 19) $7 + 3 = 10$ |
| 10) $2 + 3 = 5$ | 20) $4 + 3 = 7$ |

Count back 3

- | | |
|-----------------|------------------|
| 31) $4 - 3 = 1$ | 36) $9 - 3 = 6$ |
| 32) $7 - 3 = 4$ | 37) $11 - 3 = 8$ |
| 33) $5 - 3 = 2$ | 38) $10 - 3 = 7$ |
| 34) $6 - 3 = 3$ | 39) $12 - 3 = 9$ |
| 35) $9 - 3 = 6$ | 40) $8 - 3 = 5$ |

Difference of 3, count back 3

- | | |
|------------------|-------------------|
| 41) $11 - 8 = 3$ | 51) $12 - 9 = 3$ |
| 42) $8 - 5 = 3$ | 52) $8 - 5 = 3$ |
| 43) $10 - 7 = 3$ | 53) $5 - 2 = 3$ |
| 44) $11 - 8 = 3$ | 54) $6 - 3 = 3$ |
| 45) $10 - 3 = 7$ | 55) $12 - 3 = 9$ |
| 46) $9 - 3 = 6$ | 56) $11 - 2 = 9$ |
| 47) $7 - 4 = 3$ | 57) $10 - 7 = 3$ |
| 48) $9 - 6 = 3$ | 58) $10 - 7 = 3$ |
| 49) $6 - 3 = 3$ | 59) $4 - 1 = 3$ |
| 50) $7 - 3 = 4$ | 60) $13 - 10 = 3$ |

Turn arounds

- | | |
|------------------|-------------------|
| 21) $3 + 8 = 11$ | 26) $3 + 9 = 12$ |
| 22) $3 + 1 = 4$ | 27) $3 + 4 = 7$ |
| 23) $3 + 7 = 10$ | 28) $3 + 2 = 5$ |
| 24) $3 + 5 = 8$ | 29) $3 + 10 = 13$ |
| 25) $3 + 3 = 6$ | 30) $3 + 6 = 9$ |

Missing number

- | | | | |
|-------------------|------------------|-------------------|------------------|
| 61) $2 + 3 = 5$ | 66) $8 + 2 = 10$ | 71) $2 + 8 = 10$ | 76) $3 + 3 = 6$ |
| 62) $10 + 3 = 13$ | 67) $1 + 3 = 4$ | 72) $2 + 2 = 4$ | 77) $3 + 9 = 12$ |
| 63) $1 + 2 = 3$ | 68) $6 + 2 = 8$ | 73) $2 + 10 = 12$ | 78) $1 + 2 = 3$ |
| 64) $3 + 2 = 5$ | 69) $9 + 2 = 11$ | 74) $3 + 2 = 5$ | 79) $2 + 5 = 7$ |
| 65) $7 + 3 = 10$ | 70) $2 + 2 = 4$ | 75) $1 + 7 = 8$ | 80) $2 + 4 = 6$ |

+3 extensions

- | | |
|---------------------|---------------------|
| 81) $90 + 30 = 120$ | 86) $70 + 30 = 100$ |
| 82) $30 + 30 = 60$ | 87) $90 + 30 = 120$ |
| 83) $30 + 50 = 80$ | 88) $10 + 30 = 40$ |
| 84) $80 + 30 = 110$ | 89) $30 + 80 = 110$ |
| 85) $30 + 20 = 50$ | 90) $40 + 30 = 70$ |

Difference of 3, -3 extensions

- | | |
|----------------------|----------------------|
| 91) $30 - 30 = 0$ | 96) $110 - 30 = 80$ |
| 92) $90 - 30 = 60$ | 97) $80 - 50 = 30$ |
| 93) $70 - 40 = 30$ | 98) $60 - 30 = 30$ |
| 94) $120 - 30 = 90$ | 99) $50 - 20 = 30$ |
| 95) $130 - 30 = 100$ | 100) $100 - 70 = 30$ |

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Time:

Score:

Count On/Back 3: 3 [D]



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

Count on 3

- | | |
|------------------|-------------------|
| 1) $10 + 3 = 13$ | 11) $8 + 3 = 11$ |
| 2) $3 + 3 = 6$ | 12) $8 + 3 = 11$ |
| 3) $2 + 3 = 5$ | 13) $10 + 3 = 13$ |
| 4) $7 + 3 = 10$ | 14) $3 + 3 = 6$ |
| 5) $4 + 3 = 7$ | 15) $8 + 3 = 11$ |
| 6) $9 + 3 = 12$ | 16) $2 + 3 = 5$ |
| 7) $5 + 3 = 8$ | 17) $1 + 3 = 4$ |
| 8) $8 + 3 = 11$ | 18) $7 + 3 = 10$ |
| 9) $1 + 3 = 4$ | 19) $1 + 3 = 4$ |
| 10) $6 + 3 = 9$ | 20) $1 + 3 = 4$ |

Turn arounds

- | | |
|-------------------|------------------|
| 21) $3 + 6 = 9$ | 26) $3 + 3 = 6$ |
| 22) $3 + 10 = 13$ | 27) $3 + 9 = 12$ |
| 23) $3 + 7 = 10$ | 28) $3 + 8 = 11$ |
| 24) $3 + 1 = 4$ | 29) $3 + 5 = 8$ |
| 25) $3 + 4 = 7$ | 30) $3 + 2 = 5$ |

Missing number

- | | | | |
|------------------|-------------------|-------------------|------------------|
| 61) $9 + 2 = 11$ | 66) $2 + 2 = 4$ | 71) $1 + 7 = 8$ | 76) $2 + 2 = 4$ |
| 62) $1 + 2 = 3$ | 67) $7 + 3 = 10$ | 72) $2 + 10 = 12$ | 77) $2 + 5 = 7$ |
| 63) $1 + 3 = 4$ | 68) $8 + 2 = 10$ | 73) $3 + 9 = 12$ | 78) $2 + 8 = 10$ |
| 64) $6 + 2 = 8$ | 69) $10 + 3 = 13$ | 74) $3 + 3 = 6$ | 79) $1 + 2 = 3$ |
| 65) $3 + 2 = 5$ | 70) $2 + 3 = 5$ | 75) $3 + 2 = 5$ | 80) $2 + 4 = 6$ |

+3 extensions

- | | |
|---------------------|---------------------|
| 81) $30 + 30 = 60$ | 86) $40 + 30 = 70$ |
| 82) $30 + 20 = 50$ | 87) $10 + 30 = 40$ |
| 83) $90 + 30 = 120$ | 88) $70 + 30 = 100$ |
| 84) $90 + 30 = 120$ | 89) $80 + 30 = 110$ |
| 85) $30 + 80 = 110$ | 90) $30 + 50 = 80$ |

Count back 3

- | | |
|------------------|------------------|
| 31) $12 - 3 = 9$ | 36) $9 - 3 = 6$ |
| 32) $11 - 3 = 8$ | 37) $10 - 3 = 7$ |
| 33) $9 - 3 = 6$ | 38) $7 - 3 = 4$ |
| 34) $5 - 3 = 2$ | 39) $4 - 3 = 1$ |
| 35) $6 - 3 = 3$ | 40) $8 - 3 = 5$ |

Difference of 3, count back 3

- | | |
|-------------------|------------------|
| 41) $4 - 1 = 3$ | 51) $6 - 3 = 3$ |
| 42) $7 - 3 = 4$ | 52) $11 - 2 = 9$ |
| 43) $13 - 10 = 3$ | 53) $12 - 9 = 3$ |
| 44) $9 - 3 = 6$ | 54) $10 - 7 = 3$ |
| 45) $5 - 2 = 3$ | 55) $6 - 3 = 3$ |
| 46) $11 - 8 = 3$ | 56) $10 - 7 = 3$ |
| 47) $11 - 8 = 3$ | 57) $10 - 3 = 7$ |
| 48) $10 - 7 = 3$ | 58) $9 - 6 = 3$ |
| 49) $8 - 5 = 3$ | 59) $12 - 3 = 9$ |
| 50) $7 - 4 = 3$ | 60) $8 - 5 = 3$ |

Difference of 3, -3 extensions

- | | |
|---------------------|----------------------|
| 91) $110 - 30 = 80$ | 96) $130 - 30 = 100$ |
| 92) $120 - 30 = 90$ | 97) $60 - 30 = 30$ |
| 93) $80 - 50 = 30$ | 98) $100 - 70 = 30$ |
| 94) $90 - 30 = 60$ | 99) $30 - 30 = 0$ |
| 95) $70 - 40 = 30$ | 100) $50 - 20 = 30$ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Plus/take 3 facts are taught using a COUNT ON/COUNT BACK strategy: Students who are familiar with the sequence of counting numbers can mentally "count on" or "count back" three more numbers. A number line will help children to visualize this operation which "skips" two numbers and lands on the next one.

Time:

Score:

Rainbow Facts: 4 [A]



$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	------	------	------	--------	---	---	-----

Rainbow facts

- | | |
|------------------|------------------|
| 1) $1 + 9 = 10$ | 6) $4 + 6 = 10$ |
| 2) $5 + 5 = 10$ | 7) $9 + 1 = 10$ |
| 3) $2 + 8 = 10$ | 8) $6 + 4 = 10$ |
| 4) $10 + 0 = 10$ | 9) $8 + 2 = 10$ |
| 5) $7 + 3 = 10$ | 10) $3 + 7 = 10$ |

Subtraction rainbow extensions

- | | |
|---------------------|---------------------|
| 11) $100 - 10 = 90$ | 21) $100 - 90 = 10$ |
| 12) $100 - 30 = 70$ | 22) $100 - 50 = 50$ |
| 13) $100 - 60 = 40$ | 23) $100 - 60 = 40$ |
| 14) $100 - 80 = 20$ | 24) $100 - 40 = 60$ |
| 15) $100 - 20 = 80$ | 25) $100 - 40 = 60$ |
| 16) $100 - 70 = 30$ | 26) $100 - 60 = 40$ |
| 17) $100 - 90 = 10$ | 27) $100 - 90 = 10$ |
| 18) $100 - 20 = 80$ | 28) $100 - 30 = 70$ |
| 19) $100 - 60 = 40$ | 29) $100 - 50 = 50$ |
| 20) $100 - 40 = 60$ | 30) $100 - 100 = 0$ |

Subtraction rainbow facts

- | | |
|------------------|-------------------|
| 31) $10 - 2 = 8$ | 41) $10 - 4 = 6$ |
| 32) $10 - 7 = 3$ | 42) $10 - 5 = 5$ |
| 33) $10 - 4 = 6$ | 43) $10 - 8 = 2$ |
| 34) $10 - 7 = 3$ | 44) $10 - 8 = 2$ |
| 35) $10 - 1 = 9$ | 45) $10 - 6 = 4$ |
| 36) $10 - 1 = 9$ | 46) $10 - 3 = 7$ |
| 37) $10 - 3 = 7$ | 47) $10 - 10 = 0$ |
| 38) $10 - 3 = 7$ | 48) $10 - 5 = 5$ |
| 39) $10 - 1 = 9$ | 49) $10 - 7 = 3$ |
| 40) $10 - 9 = 1$ | 50) $10 - 2 = 8$ |

Rainbow missing number extensions

- | | |
|---------------------|---------------------|
| 51) $20 + 80 = 100$ | 56) $90 + 10 = 100$ |
| 52) $100 + 0 = 100$ | 57) $80 + 20 = 100$ |
| 53) $10 + 90 = 100$ | 58) $50 + 50 = 100$ |
| 54) $30 + 70 = 100$ | 59) $40 + 60 = 100$ |
| 55) $70 + 30 = 100$ | 60) $60 + 40 = 100$ |

Rainbow missing number

- | | | | |
|-------------------|------------------|-------------------|------------------|
| 61) $9 + 1 = 10$ | 66) $5 + 5 = 10$ | 71) $7 + 3 = 10$ | 76) $4 + 6 = 10$ |
| 62) $4 + 6 = 10$ | 67) $2 + 8 = 10$ | 72) $0 + 10 = 10$ | 77) $2 + 8 = 10$ |
| 63) $7 + 3 = 10$ | 68) $8 + 2 = 10$ | 73) $3 + 7 = 10$ | 78) $1 + 9 = 10$ |
| 64) $6 + 4 = 10$ | 69) $3 + 7 = 10$ | 74) $5 + 5 = 10$ | 79) $6 + 4 = 10$ |
| 65) $10 + 0 = 10$ | 70) $1 + 9 = 10$ | 75) $2 + 8 = 10$ | 80) $8 + 2 = 10$ |

Revision

- | | | | |
|------------------|-------------------|-------------------|-------------------|
| 81) $2 + 8 = 10$ | 86) $3 + 2 = 5$ | 91) $7 + 3 = 10$ | 96) $10 + 1 = 11$ |
| 82) $3 + 8 = 11$ | 87) $1 + 1 = 2$ | 92) $6 + 1 = 7$ | 97) $4 + 1 = 5$ |
| 83) $1 + 3 = 4$ | 88) $3 + 5 = 8$ | 93) $8 + 3 = 11$ | 98) $4 + 2 = 6$ |
| 84) $2 + 4 = 6$ | 89) $1 + 9 = 10$ | 94) $6 + 2 = 8$ | 99) $10 + 3 = 13$ |
| 85) $2 + 3 = 5$ | 90) $2 + 10 = 12$ | 95) $10 + 2 = 12$ | 100) $9 + 2 = 11$ |

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Time:

Score:

Rainbow Facts: 4 [B]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	------	--------	---	---	-----

Rainbow facts

- | | |
|-----------------|------------------|
| 1) $7 + 3 = 10$ | 6) $3 + 7 = 10$ |
| 2) $4 + 6 = 10$ | 7) $8 + 2 = 10$ |
| 3) $6 + 4 = 10$ | 8) $5 + 5 = 10$ |
| 4) $1 + 9 = 10$ | 9) $10 + 0 = 10$ |
| 5) $9 + 1 = 10$ | 10) $2 + 8 = 10$ |

Subtraction rainbow extensions

- | | |
|---------------------|---------------------|
| 11) $100 - 90 = 10$ | 21) $100 - 60 = 40$ |
| 12) $100 - 70 = 30$ | 22) $100 - 90 = 10$ |
| 13) $100 - 60 = 40$ | 23) $100 - 10 = 90$ |
| 14) $100 - 80 = 20$ | 24) $100 - 50 = 50$ |
| 15) $100 - 100 = 0$ | 25) $100 - 60 = 40$ |
| 16) $100 - 90 = 10$ | 26) $100 - 40 = 60$ |
| 17) $100 - 50 = 50$ | 27) $100 - 30 = 70$ |
| 18) $100 - 30 = 70$ | 28) $100 - 60 = 40$ |
| 19) $100 - 40 = 60$ | 29) $100 - 20 = 80$ |
| 20) $100 - 40 = 60$ | 30) $100 - 20 = 80$ |

Subtraction rainbow facts

- | | |
|------------------|-------------------|
| 31) $10 - 3 = 7$ | 41) $10 - 3 = 7$ |
| 32) $10 - 1 = 9$ | 42) $10 - 5 = 5$ |
| 33) $10 - 2 = 8$ | 43) $10 - 7 = 3$ |
| 34) $10 - 3 = 7$ | 44) $10 - 9 = 1$ |
| 35) $10 - 8 = 2$ | 45) $10 - 10 = 0$ |
| 36) $10 - 8 = 2$ | 46) $10 - 4 = 6$ |
| 37) $10 - 5 = 5$ | 47) $10 - 1 = 9$ |
| 38) $10 - 6 = 4$ | 48) $10 - 1 = 9$ |
| 39) $10 - 2 = 8$ | 49) $10 - 4 = 6$ |
| 40) $10 - 7 = 3$ | 50) $10 - 7 = 3$ |

Rainbow missing number extensions

- | | |
|---------------------|---------------------|
| 51) $90 + 10 = 100$ | 56) $10 + 90 = 100$ |
| 52) $20 + 80 = 100$ | 57) $80 + 20 = 100$ |
| 53) $70 + 30 = 100$ | 58) $60 + 40 = 100$ |
| 54) $40 + 60 = 100$ | 59) $100 + 0 = 100$ |
| 55) $30 + 70 = 100$ | 60) $50 + 50 = 100$ |

Rainbow missing number

- | | | | |
|-------------------|------------------|------------------|-------------------|
| 61) $8 + 2 = 10$ | 66) $6 + 4 = 10$ | 71) $2 + 8 = 10$ | 76) $0 + 10 = 10$ |
| 62) $10 + 0 = 10$ | 67) $1 + 9 = 10$ | 72) $2 + 8 = 10$ | 77) $4 + 6 = 10$ |
| 63) $9 + 1 = 10$ | 68) $2 + 8 = 10$ | 73) $1 + 9 = 10$ | 78) $7 + 3 = 10$ |
| 64) $7 + 3 = 10$ | 69) $3 + 7 = 10$ | 74) $6 + 4 = 10$ | 79) $3 + 7 = 10$ |
| 65) $4 + 6 = 10$ | 70) $5 + 5 = 10$ | 75) $5 + 5 = 10$ | 80) $8 + 2 = 10$ |

Revision

- | | | | |
|-------------------|------------------|-------------------|-------------------|
| 81) $2 + 3 = 5$ | 86) $1 + 1 = 2$ | 91) $8 + 3 = 11$ | 96) $4 + 2 = 6$ |
| 82) $2 + 10 = 12$ | 87) $3 + 5 = 8$ | 92) $9 + 2 = 11$ | 97) $4 + 1 = 5$ |
| 83) $1 + 9 = 10$ | 88) $3 + 2 = 5$ | 93) $7 + 3 = 10$ | 98) $10 + 2 = 12$ |
| 84) $1 + 3 = 4$ | 89) $3 + 8 = 11$ | 94) $6 + 2 = 8$ | 99) $10 + 1 = 11$ |
| 85) $2 + 4 = 6$ | 90) $2 + 8 = 10$ | 95) $10 + 3 = 13$ | 100) $6 + 1 = 7$ |

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Time:

Score:

Rainbow Facts: 4 [C]



$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	-------------	------	------	--------	---	---	-----

Rainbow facts

- | | |
|------------------|------------------|
| 1) $5 + 5 = 10$ | 6) $4 + 6 = 10$ |
| 2) $8 + 2 = 10$ | 7) $3 + 7 = 10$ |
| 3) $7 + 3 = 10$ | 8) $2 + 8 = 10$ |
| 4) $6 + 4 = 10$ | 9) $1 + 9 = 10$ |
| 5) $10 + 0 = 10$ | 10) $9 + 1 = 10$ |

Subtraction rainbow facts

- | | |
|-------------------|------------------|
| 31) $10 - 8 = 2$ | 41) $10 - 3 = 7$ |
| 32) $10 - 6 = 4$ | 42) $10 - 2 = 8$ |
| 33) $10 - 4 = 6$ | 43) $10 - 9 = 1$ |
| 34) $10 - 3 = 7$ | 44) $10 - 7 = 3$ |
| 35) $10 - 5 = 5$ | 45) $10 - 7 = 3$ |
| 36) $10 - 10 = 0$ | 46) $10 - 5 = 5$ |
| 37) $10 - 4 = 6$ | 47) $10 - 1 = 9$ |
| 38) $10 - 2 = 8$ | 48) $10 - 1 = 9$ |
| 39) $10 - 8 = 2$ | 49) $10 - 7 = 3$ |
| 40) $10 - 1 = 9$ | 50) $10 - 3 = 7$ |

Subtraction rainbow extensions

- | | |
|---------------------|---------------------|
| 11) $100 - 10 = 90$ | 21) $100 - 30 = 70$ |
| 12) $100 - 70 = 30$ | 22) $100 - 50 = 50$ |
| 13) $100 - 90 = 10$ | 23) $100 - 60 = 40$ |
| 14) $100 - 60 = 40$ | 24) $100 - 60 = 40$ |
| 15) $100 - 20 = 80$ | 25) $100 - 30 = 70$ |
| 16) $100 - 100 = 0$ | 26) $100 - 90 = 10$ |
| 17) $100 - 40 = 60$ | 27) $100 - 90 = 10$ |
| 18) $100 - 50 = 50$ | 28) $100 - 60 = 40$ |
| 19) $100 - 40 = 60$ | 29) $100 - 20 = 80$ |
| 20) $100 - 40 = 60$ | 30) $100 - 80 = 20$ |

Rainbow missing number extensions

- | | |
|---------------------|---------------------|
| 51) $90 + 10 = 100$ | 56) $10 + 90 = 100$ |
| 52) $100 + 0 = 100$ | 57) $30 + 70 = 100$ |
| 53) $70 + 30 = 100$ | 58) $50 + 50 = 100$ |
| 54) $60 + 40 = 100$ | 59) $40 + 60 = 100$ |
| 55) $80 + 20 = 100$ | 60) $20 + 80 = 100$ |

Rainbow missing number

- | | | | |
|------------------|-------------------|-------------------|------------------|
| 61) $3 + 7 = 10$ | 66) $4 + 6 = 10$ | 71) $4 + 6 = 10$ | 76) $3 + 7 = 10$ |
| 62) $1 + 9 = 10$ | 67) $6 + 4 = 10$ | 72) $1 + 9 = 10$ | 77) $5 + 5 = 10$ |
| 63) $9 + 1 = 10$ | 68) $10 + 0 = 10$ | 73) $6 + 4 = 10$ | 78) $7 + 3 = 10$ |
| 64) $5 + 5 = 10$ | 69) $2 + 8 = 10$ | 74) $0 + 10 = 10$ | 79) $2 + 8 = 10$ |
| 65) $8 + 2 = 10$ | 70) $7 + 3 = 10$ | 75) $2 + 8 = 10$ | 80) $8 + 2 = 10$ |

Revision

- | | | | |
|-------------------|------------------|-------------------|--------------------|
| 81) $2 + 8 = 10$ | 86) $3 + 2 = 5$ | 91) $6 + 1 = 7$ | 96) $9 + 2 = 11$ |
| 82) $3 + 8 = 11$ | 87) $3 + 5 = 8$ | 92) $4 + 1 = 5$ | 97) $7 + 3 = 10$ |
| 83) $2 + 3 = 5$ | 88) $1 + 9 = 10$ | 93) $10 + 3 = 13$ | 98) $4 + 2 = 6$ |
| 84) $2 + 4 = 6$ | 89) $1 + 1 = 2$ | 94) $6 + 2 = 8$ | 99) $10 + 1 = 11$ |
| 85) $2 + 10 = 12$ | 90) $1 + 3 = 4$ | 95) $8 + 3 = 11$ | 100) $10 + 2 = 12$ |

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Time:

Score:

Rainbow Facts: 4 [D]



$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	------	------	------	--------	---	---	-----

Rainbow facts

- | | |
|-----------------|------------------|
| 1) $2 + 8 = 10$ | 6) $8 + 2 = 10$ |
| 2) $3 + 7 = 10$ | 7) $9 + 1 = 10$ |
| 3) $6 + 4 = 10$ | 8) $5 + 5 = 10$ |
| 4) $4 + 6 = 10$ | 9) $10 + 0 = 10$ |
| 5) $7 + 3 = 10$ | 10) $1 + 9 = 10$ |

Subtraction rainbow extensions

- | | |
|---------------------|---------------------|
| 11) $100 - 80 = 20$ | 21) $100 - 50 = 50$ |
| 12) $100 - 90 = 10$ | 22) $100 - 60 = 40$ |
| 13) $100 - 20 = 80$ | 23) $100 - 90 = 10$ |
| 14) $100 - 60 = 40$ | 24) $100 - 100 = 0$ |
| 15) $100 - 10 = 90$ | 25) $100 - 50 = 50$ |
| 16) $100 - 60 = 40$ | 26) $100 - 30 = 70$ |
| 17) $100 - 70 = 30$ | 27) $100 - 40 = 60$ |
| 18) $100 - 40 = 60$ | 28) $100 - 20 = 80$ |
| 19) $100 - 90 = 10$ | 29) $100 - 30 = 70$ |
| 20) $100 - 40 = 60$ | 30) $100 - 60 = 40$ |

Subtraction rainbow facts

- | | |
|------------------|-------------------|
| 31) $10 - 2 = 8$ | 41) $10 - 3 = 7$ |
| 32) $10 - 5 = 5$ | 42) $10 - 6 = 4$ |
| 33) $10 - 1 = 9$ | 43) $10 - 10 = 0$ |
| 34) $10 - 8 = 2$ | 44) $10 - 4 = 6$ |
| 35) $10 - 5 = 5$ | 45) $10 - 2 = 8$ |
| 36) $10 - 8 = 2$ | 46) $10 - 1 = 9$ |
| 37) $10 - 4 = 6$ | 47) $10 - 1 = 9$ |
| 38) $10 - 3 = 7$ | 48) $10 - 3 = 7$ |
| 39) $10 - 7 = 3$ | 49) $10 - 9 = 1$ |
| 40) $10 - 7 = 3$ | 50) $10 - 7 = 3$ |

Rainbow missing number extensions

- | | |
|---------------------|---------------------|
| 51) $60 + 40 = 100$ | 56) $40 + 60 = 100$ |
| 52) $100 + 0 = 100$ | 57) $70 + 30 = 100$ |
| 53) $90 + 10 = 100$ | 58) $50 + 50 = 100$ |
| 54) $80 + 20 = 100$ | 59) $30 + 70 = 100$ |
| 55) $20 + 80 = 100$ | 60) $10 + 90 = 100$ |

Rainbow missing number

- | | | | |
|------------------|-------------------|------------------|-------------------|
| 61) $5 + 5 = 10$ | 66) $1 + 9 = 10$ | 71) $1 + 9 = 10$ | 76) $7 + 3 = 10$ |
| 62) $4 + 6 = 10$ | 67) $6 + 4 = 10$ | 72) $2 + 8 = 10$ | 77) $0 + 10 = 10$ |
| 63) $7 + 3 = 10$ | 68) $3 + 7 = 10$ | 73) $6 + 4 = 10$ | 78) $2 + 8 = 10$ |
| 64) $8 + 2 = 10$ | 69) $2 + 8 = 10$ | 74) $4 + 6 = 10$ | 79) $3 + 7 = 10$ |
| 65) $9 + 1 = 10$ | 70) $10 + 0 = 10$ | 75) $5 + 5 = 10$ | 80) $8 + 2 = 10$ |

Revision

- | | | | |
|-------------------|------------------|-------------------|-------------------|
| 81) $1 + 1 = 2$ | 86) $2 + 3 = 5$ | 91) $9 + 2 = 11$ | 96) $4 + 2 = 6$ |
| 82) $2 + 8 = 10$ | 87) $2 + 4 = 6$ | 92) $8 + 3 = 11$ | 97) $10 + 1 = 11$ |
| 83) $3 + 5 = 8$ | 88) $1 + 9 = 10$ | 93) $6 + 2 = 8$ | 98) $10 + 2 = 12$ |
| 84) $2 + 10 = 12$ | 89) $1 + 3 = 4$ | 94) $7 + 3 = 10$ | 99) $4 + 1 = 5$ |
| 85) $3 + 2 = 5$ | 90) $3 + 8 = 11$ | 95) $10 + 3 = 13$ | 100) $6 + 1 = 7$ |

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Time:

Score:

+/- 0 & 10: 5 [A]



$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

Add 0 & 10

- | | |
|------------------|------------------|
| 1) $8 + 10 = 18$ | 6) $6 + 10 = 16$ |
| 2) $7 + 0 = 7$ | 7) $7 + 10 = 17$ |
| 3) $8 + 0 = 8$ | 8) $3 + 0 = 3$ |
| 4) $10 + 0 = 10$ | 9) $3 + 10 = 13$ |
| 5) $9 + 10 = 19$ | 10) $9 + 0 = 9$ |

Take 0

- | | |
|-----------------|-----------------|
| 31) $4 - 0 = 4$ | 36) $8 - 0 = 8$ |
| 32) $2 - 0 = 2$ | 37) $9 - 0 = 9$ |
| 33) $3 - 0 = 3$ | 38) $7 - 0 = 7$ |
| 34) $6 - 0 = 6$ | 39) $5 - 0 = 5$ |
| 35) $1 - 0 = 1$ | 40) $0 - 0 = 0$ |

Turn arounds and extensions

- | | |
|----------------------|----------------------|
| 11) $100 + 5 = 105$ | 21) $10 + 1 = 11$ |
| 12) $100 + 70 = 170$ | 22) $0 + 9 = 9$ |
| 13) $10 + 20 = 30$ | 23) $100 + 30 = 130$ |
| 14) $10 + 6 = 16$ | 24) $10 + 0 = 10$ |
| 15) $100 + 80 = 180$ | 25) $10 + 5 = 15$ |
| 16) $0 + 20 = 20$ | 26) $10 + 8 = 18$ |
| 17) $10 + 4 = 14$ | 27) $0 + 7 = 7$ |
| 18) $10 + 9 = 19$ | 28) $0 + 60 = 60$ |
| 19) $100 + 10 = 110$ | 29) $0 + 40 = 40$ |
| 20) $0 + 30 = 30$ | 30) $0 + 0 = 0$ |

Take 10 and 100

- | | |
|----------------------|----------------------|
| 41) $110 - 100 = 10$ | 46) $130 - 100 = 30$ |
| 42) $160 - 100 = 60$ | 47) $150 - 100 = 50$ |
| 43) $12 - 10 = 2$ | 48) $140 - 100 = 40$ |
| 44) $19 - 10 = 9$ | 49) $17 - 10 = 7$ |
| 45) $18 - 10 = 8$ | 50) $10 - 10 = 0$ |

Difference of 0, 10 and 100

- | | |
|----------------------|----------------------|
| 51) $17 - 7 = 10$ | 56) $2 - 2 = 0$ |
| 52) $13 - 3 = 10$ | 57) $1 - 1 = 0$ |
| 53) $40 - 40 = 0$ | 58) $120 - 20 = 100$ |
| 54) $18 - 8 = 10$ | 59) $190 - 90 = 100$ |
| 55) $160 - 60 = 100$ | 60) $50 - 50 = 0$ |

Rainbow missing number

- | | | | |
|------------------|-------------------|------------------|-------------------|
| 61) $7 + 3 = 10$ | 66) $8 + 2 = 10$ | 71) $4 + 6 = 10$ | 76) $0 + 10 = 10$ |
| 62) $2 + 8 = 10$ | 67) $10 + 0 = 10$ | 72) $3 + 7 = 10$ | 77) $2 + 8 = 10$ |
| 63) $1 + 9 = 10$ | 68) $6 + 4 = 10$ | 73) $8 + 2 = 10$ | 78) $1 + 9 = 10$ |
| 64) $3 + 7 = 10$ | 69) $4 + 6 = 10$ | 74) $2 + 8 = 10$ | 79) $7 + 3 = 10$ |
| 65) $9 + 1 = 10$ | 70) $5 + 5 = 10$ | 75) $6 + 4 = 10$ | 80) $5 + 5 = 10$ |

Addition revision

- | | |
|--------------------|-------------------|
| 81) $10 + 10 = 20$ | 86) $1 + 1 = 2$ |
| 82) $10 + 1 = 11$ | 87) $2 + 0 = 2$ |
| 83) $3 + 6 = 9$ | 88) $3 + 10 = 13$ |
| 84) $2 + 2 = 4$ | 89) $10 + 3 = 13$ |
| 85) $10 + 2 = 12$ | 90) $2 + 1 = 3$ |

Subtraction revision

- | | |
|-------------------|-------------------|
| 91) $10 - 0 = 10$ | 93) $4 - 3 = 1$ |
| 92) $3 - 2 = 1$ | 94) $10 - 10 = 0$ |
| 95) $6 - 4 = 2$ | 98) $11 - 8 = 3$ |
| 96) $12 - 9 = 3$ | 99) $10 - 7 = 3$ |
| 97) $7 - 4 = 3$ | 100) $9 - 7 = 2$ |

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Time:

Score:

+/- 0 & 10: 5 [B]



$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

Add 0 & 10

- | | |
|------------------|-------------------|
| 1) $10 + 0 = 10$ | 6) $9 + 0 = 9$ |
| 2) $9 + 10 = 19$ | 7) $6 + 10 = 16$ |
| 3) $8 + 10 = 18$ | 8) $3 + 10 = 13$ |
| 4) $7 + 0 = 7$ | 9) $3 + 0 = 3$ |
| 5) $8 + 0 = 8$ | 10) $7 + 10 = 17$ |

Take 0

- | | |
|-----------------|-----------------|
| 31) $2 - 0 = 2$ | 36) $9 - 0 = 9$ |
| 32) $3 - 0 = 3$ | 37) $7 - 0 = 7$ |
| 33) $6 - 0 = 6$ | 38) $4 - 0 = 4$ |
| 34) $0 - 0 = 0$ | 39) $1 - 0 = 1$ |
| 35) $8 - 0 = 8$ | 40) $5 - 0 = 5$ |

Turn arounds and extensions

- | | |
|-------------------|----------------------|
| 11) $10 + 1 = 11$ | 21) $0 + 60 = 60$ |
| 12) $0 + 0 = 0$ | 22) $0 + 30 = 30$ |
| 13) $10 + 0 = 10$ | 23) $100 + 80 = 180$ |
| 14) $0 + 9 = 9$ | 24) $100 + 10 = 110$ |
| 15) $0 + 7 = 7$ | 25) $100 + 70 = 170$ |
| 16) $10 + 5 = 15$ | 26) $100 + 30 = 130$ |
| 17) $10 + 8 = 18$ | 27) $100 + 5 = 105$ |
| 18) $10 + 4 = 14$ | 28) $0 + 20 = 20$ |
| 19) $10 + 6 = 16$ | 29) $0 + 40 = 40$ |
| 20) $10 + 9 = 19$ | 30) $10 + 20 = 30$ |

Take 10 and 100

- | | |
|-------------------|----------------------|
| 41) $17 - 10 = 7$ | 46) $160 - 100 = 60$ |
| 42) $10 - 10 = 0$ | 47) $140 - 100 = 40$ |
| 43) $12 - 10 = 2$ | 48) $110 - 100 = 10$ |
| 44) $18 - 10 = 8$ | 49) $130 - 100 = 30$ |
| 45) $19 - 10 = 9$ | 50) $150 - 100 = 50$ |

Difference of 0, 10 and 100

- | | |
|-------------------|----------------------|
| 51) $1 - 1 = 0$ | 56) $50 - 50 = 0$ |
| 52) $2 - 2 = 0$ | 57) $40 - 40 = 0$ |
| 53) $13 - 3 = 10$ | 58) $160 - 60 = 100$ |
| 54) $18 - 8 = 10$ | 59) $190 - 90 = 100$ |
| 55) $17 - 7 = 10$ | 60) $120 - 20 = 100$ |

Rainbow missing number

- | | | | |
|-------------------|------------------|-------------------|------------------|
| 61) $8 + 2 = 10$ | 66) $1 + 9 = 10$ | 71) $0 + 10 = 10$ | 76) $1 + 9 = 10$ |
| 62) $7 + 3 = 10$ | 67) $2 + 8 = 10$ | 72) $6 + 4 = 10$ | 77) $2 + 8 = 10$ |
| 63) $9 + 1 = 10$ | 68) $4 + 6 = 10$ | 73) $4 + 6 = 10$ | 78) $3 + 7 = 10$ |
| 64) $10 + 0 = 10$ | 69) $5 + 5 = 10$ | 74) $2 + 8 = 10$ | 79) $5 + 5 = 10$ |
| 65) $6 + 4 = 10$ | 70) $3 + 7 = 10$ | 75) $7 + 3 = 10$ | 80) $8 + 2 = 10$ |

Addition revision

- | | |
|--------------------|-------------------|
| 81) $10 + 3 = 13$ | 86) $3 + 6 = 9$ |
| 82) $10 + 10 = 20$ | 87) $10 + 1 = 11$ |
| 83) $3 + 10 = 13$ | 88) $1 + 1 = 2$ |
| 84) $2 + 2 = 4$ | 89) $2 + 0 = 2$ |
| 85) $2 + 1 = 3$ | 90) $10 + 2 = 12$ |

Subtraction revision

- | | |
|-------------------|-------------------|
| 91) $4 - 3 = 1$ | 93) $10 - 0 = 10$ |
| 92) $10 - 10 = 0$ | 94) $3 - 2 = 1$ |
| 95) $9 - 7 = 2$ | 98) $12 - 9 = 3$ |
| 96) $11 - 8 = 3$ | 99) $7 - 4 = 3$ |
| 97) $6 - 4 = 2$ | 100) $10 - 7 = 3$ |

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Time:

Score:

+/- 0 & 10: 5 [C]



$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

Add 0 & 10

- | | |
|------------------|-------------------|
| 1) $6 + 0 = 6$ | 6) $5 + 0 = 5$ |
| 2) $7 + 0 = 7$ | 7) $1 + 0 = 1$ |
| 3) $9 + 10 = 19$ | 8) $10 + 10 = 20$ |
| 4) $7 + 10 = 17$ | 9) $1 + 10 = 11$ |
| 5) $2 + 10 = 12$ | 10) $4 + 0 = 4$ |

Take 0

- | | |
|-----------------|-----------------|
| 31) $2 - 0 = 2$ | 36) $5 - 0 = 5$ |
| 32) $7 - 0 = 7$ | 37) $3 - 0 = 3$ |
| 33) $4 - 0 = 4$ | 38) $0 - 0 = 0$ |
| 34) $8 - 0 = 8$ | 39) $6 - 0 = 6$ |
| 35) $9 - 0 = 9$ | 40) $1 - 0 = 1$ |

Turn arounds and extensions

- | | |
|-------------------|----------------------|
| 11) $10 + 6 = 16$ | 21) $100 + 50 = 150$ |
| 12) $10 + 9 = 19$ | 22) $100 + 40 = 140$ |
| 13) $0 + 4 = 4$ | 23) $100 + 10 = 110$ |
| 14) $0 + 7 = 7$ | 24) $100 + 0 = 100$ |
| 15) $0 + 6 = 6$ | 25) $100 + 80 = 180$ |
| 16) $0 + 2 = 2$ | 26) $0 + 80 = 80$ |
| 17) $0 + 3 = 3$ | 27) $10 + 10 = 20$ |
| 18) $0 + 5 = 5$ | 28) $0 + 10 = 10$ |
| 19) $10 + 3 = 13$ | 29) $0 + 9 = 9$ |
| 20) $10 + 7 = 17$ | 30) $10 + 2 = 12$ |

Take 10 and 100

- | | |
|-------------------|----------------------|
| 41) $17 - 10 = 7$ | 46) $160 - 100 = 60$ |
| 42) $18 - 10 = 8$ | 47) $150 - 100 = 50$ |
| 43) $13 - 10 = 3$ | 48) $140 - 100 = 40$ |
| 44) $12 - 10 = 2$ | 49) $100 - 100 = 0$ |
| 45) $11 - 10 = 1$ | 50) $190 - 100 = 90$ |

Difference of 0, 10 and 100

- | | |
|-------------------|----------------------|
| 51) $9 - 9 = 0$ | 56) $20 - 20 = 0$ |
| 52) $10 - 10 = 0$ | 57) $180 - 80 = 100$ |
| 53) $6 - 6 = 0$ | 58) $150 - 50 = 100$ |
| 54) $3 - 3 = 0$ | 59) $70 - 70 = 0$ |
| 55) $4 - 4 = 0$ | 60) $120 - 20 = 100$ |

Rainbow missing number

- | | | | |
|------------------|-------------------|------------------|------------------|
| 61) $4 + 2 = 6$ | 66) $10 + 1 = 11$ | 71) $2 + 5 = 7$ | 76) $2 + 8 = 10$ |
| 62) $8 + 2 = 10$ | 67) $6 + 2 = 8$ | 72) $2 + 6 = 8$ | 77) $2 + 7 = 9$ |
| 63) $7 + 1 = 8$ | 68) $3 + 2 = 5$ | 73) $1 + 6 = 7$ | 78) $2 + 1 = 3$ |
| 64) $7 + 2 = 9$ | 69) $9 + 3 = 12$ | 74) $3 + 7 = 10$ | 79) $2 + 2 = 4$ |
| 65) $8 + 1 = 9$ | 70) $4 + 3 = 7$ | 75) $2 + 9 = 11$ | 80) $1 + 2 = 3$ |

Addition revision

- | | |
|-------------------|-------------------|
| 81) $1 + 10 = 11$ | 86) $10 + 5 = 15$ |
| 82) $3 + 2 = 5$ | 87) $0 + 1 = 1$ |
| 83) $10 + 1 = 11$ | 88) $10 + 2 = 12$ |
| 84) $10 + 4 = 14$ | 89) $10 + 0 = 10$ |
| 85) $2 + 8 = 10$ | 90) $0 + 5 = 5$ |

Subtraction revision

- | | |
|-------------------|-------------------|
| 91) $3 - 0 = 3$ | 93) $10 - 1 = 9$ |
| 92) $9 - 3 = 6$ | 94) $11 - 10 = 1$ |
| 95) $13 - 1 = 12$ | 98) $6 - 2 = 4$ |
| 96) $7 - 2 = 5$ | 99) $12 - 9 = 3$ |
| 97) $5 - 3 = 2$ | 100) $10 - 9 = 1$ |

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Time:

Score:

+/- 0 & 10: 5 [D]



+ 1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----	---	---	------	------	------	--------	---	---	-----

Add 0 & 10

- | | |
|------------------|-------------------|
| 1) $7 + 0 = 7$ | 6) $10 + 0 = 10$ |
| 2) $5 + 10 = 15$ | 7) $8 + 0 = 8$ |
| 3) $2 + 10 = 12$ | 8) $9 + 0 = 9$ |
| 4) $5 + 0 = 5$ | 9) $4 + 0 = 4$ |
| 5) $6 + 10 = 16$ | 10) $3 + 10 = 13$ |

Turn arounds and extensions

- | | |
|-------------------|-----------------------|
| 11) $0 + 6 = 6$ | 21) $100 + 100 = 200$ |
| 12) $10 + 9 = 19$ | 22) $100 + 80 = 180$ |
| 13) $0 + 0 = 0$ | 23) $100 + 50 = 150$ |
| 14) $10 + 3 = 13$ | 24) $0 + 50 = 50$ |
| 15) $0 + 3 = 3$ | 25) $100 + 20 = 120$ |
| 16) $10 + 4 = 14$ | 26) $50 + 0 = 50$ |
| 17) $10 + 6 = 16$ | 27) $100 + 10 = 110$ |
| 18) $0 + 4 = 4$ | 28) $0 + 70 = 70$ |
| 19) $0 + 7 = 7$ | 29) $10 + 70 = 80$ |
| 20) $10 + 0 = 10$ | 30) $0 + 20 = 20$ |

Take 0

- | | |
|-----------------|-------------------|
| 31) $4 - 0 = 4$ | 36) $3 - 0 = 3$ |
| 32) $1 - 0 = 1$ | 37) $2 - 0 = 2$ |
| 33) $8 - 0 = 8$ | 38) $0 - 0 = 0$ |
| 34) $6 - 0 = 6$ | 39) $10 - 0 = 10$ |
| 35) $9 - 0 = 9$ | 40) $7 - 0 = 7$ |

Take 10 and 100

- | | |
|-------------------|----------------------|
| 41) $15 - 10 = 5$ | 46) $120 - 100 = 20$ |
| 42) $11 - 10 = 1$ | 47) $170 - 100 = 70$ |
| 43) $13 - 10 = 3$ | 48) $140 - 100 = 40$ |
| 44) $10 - 10 = 0$ | 49) $180 - 100 = 80$ |
| 45) $16 - 10 = 6$ | 50) $190 - 100 = 90$ |

Difference of 0, 10 and 100

- | | |
|-------------------|----------------------|
| 51) $9 - 9 = 0$ | 56) $30 - 30 = 0$ |
| 52) $10 - 10 = 0$ | 57) $140 - 40 = 100$ |
| 53) $6 - 6 = 0$ | 58) $150 - 50 = 100$ |
| 54) $3 - 3 = 0$ | 59) $70 - 70 = 0$ |
| 55) $4 - 4 = 0$ | 60) $120 - 20 = 100$ |

Rainbow missing number

- | | | | |
|------------------------------|------------------------------|------------------------------|-----------------------------|
| 61) $\underline{2} + 2 = 4$ | 66) $\underline{5} + 2 = 7$ | 71) $2 + \underline{9} = 11$ | 76) $\underline{1} + 7 = 8$ |
| 62) $5 + \underline{3} = 8$ | 67) $1 + 2 = \underline{3}$ | 72) $\underline{2} + 3 = 5$ | 77) $2 + 6 = \underline{8}$ |
| 63) $\underline{1} + 1 = 2$ | 68) $4 + \underline{3} = 7$ | 73) $\underline{3} + 8 = 11$ | 78) $1 + 5 = \underline{6}$ |
| 64) $7 + 2 = \underline{9}$ | 69) $\underline{7} + 3 = 10$ | 74) $\underline{1} + 4 = 5$ | 79) $2 + \underline{1} = 3$ |
| 65) $9 + \underline{2} = 11$ | 70) $8 + 2 = \underline{10}$ | 75) $2 + 5 = \underline{7}$ | 80) $1 + 3 = \underline{4}$ |

Addition revision

- | | |
|--------------------|-------------------|
| 81) $10 + 0 = 10$ | 86) $3 + 2 = 5$ |
| 82) $10 + 2 = 12$ | 87) $10 + 7 = 17$ |
| 83) $0 + 6 = 6$ | 88) $10 + 9 = 19$ |
| 84) $10 + 10 = 20$ | 89) $3 + 3 = 6$ |
| 85) $3 + 5 = 8$ | 90) $2 + 6 = 8$ |

Subtraction revision

- | | |
|-------------------|-------------------|
| 91) $8 - 2 = 6$ | 93) $9 - 2 = 7$ |
| 92) $7 - 0 = 7$ | 94) $8 - 0 = 8$ |
| 95) $13 - 1 = 12$ | 98) $6 - 2 = 4$ |
| 96) $7 - 2 = 5$ | 99) $12 - 9 = 3$ |
| 97) $5 - 3 = 2$ | 100) $10 - 9 = 1$ |

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Time:

Score:

Double/Halve: 6 [A]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	-------------	--------	---	---	-----

Double

- | | |
|------------------|--------------------|
| 1) $7 + 7 = 14$ | 11) $0 + 0 = 0$ |
| 2) $4 + 4 = 8$ | 12) $9 + 9 = 18$ |
| 3) $9 + 9 = 18$ | 13) $1 + 1 = 2$ |
| 4) $2 + 2 = 4$ | 14) $5 + 5 = 10$ |
| 5) $9 + 9 = 18$ | 15) $1 + 1 = 2$ |
| 6) $6 + 6 = 12$ | 16) $8 + 8 = 16$ |
| 7) $7 + 7 = 14$ | 17) $10 + 10 = 20$ |
| 8) $5 + 5 = 10$ | 18) $6 + 6 = 12$ |
| 9) $6 + 6 = 12$ | 19) $7 + 7 = 14$ |
| 10) $5 + 5 = 10$ | 20) $3 + 3 = 6$ |

Missing number

- | | |
|------------------|------------------|
| 41) $6 + 6 = 12$ | 51) $7 + 7 = 14$ |
| 42) $2 + 2 = 4$ | 52) $7 + 7 = 14$ |
| 43) $4 + 6 = 10$ | 53) $3 + 3 = 6$ |
| 44) $4 + 4 = 8$ | 54) $5 + 5 = 10$ |
| 45) $3 + 3 = 6$ | 55) $9 + 9 = 18$ |
| 46) $6 + 6 = 12$ | 56) $5 + 5 = 10$ |
| 47) $5 + 5 = 10$ | 57) $6 + 6 = 12$ |
| 48) $6 + 6 = 12$ | 58) $7 + 7 = 14$ |
| 49) $8 + 8 = 16$ | 59) $8 + 8 = 16$ |
| 50) $4 + 4 = 8$ | 60) $9 + 9 = 18$ |

Halve

- | | |
|--------------------|--------------------|
| 21) $18 - 9 = 9$ | 31) $18 - 9 = 9$ |
| 22) $10 - 5 = 5$ | 32) $12 - 6 = 6$ |
| 23) $16 - 8 = 8$ | 33) $8 - 4 = 4$ |
| 24) $20 - 10 = 10$ | 34) $8 - 4 = 4$ |
| 25) $4 - 2 = 2$ | 35) $16 - 8 = 8$ |
| 26) $14 - 7 = 7$ | 36) $2 - 1 = 1$ |
| 27) $12 - 6 = 6$ | 37) $20 - 10 = 10$ |
| 28) $2 - 1 = 1$ | 38) $16 - 8 = 8$ |
| 29) $6 - 3 = 3$ | 39) $10 - 5 = 5$ |
| 30) $12 - 6 = 6$ | 40) $14 - 7 = 7$ |

Missing number extensions

- | | |
|---------------------|---------------------|
| 61) $30 + 30 = 60$ | 71) $60 + 60 = 120$ |
| 62) $80 + 80 = 160$ | 72) $60 + 60 = 120$ |
| 63) $40 + 40 = 80$ | 73) $20 + 20 = 40$ |
| 64) $70 + 70 = 140$ | 74) $90 + 90 = 180$ |
| 65) $30 + 30 = 60$ | 75) $40 + 40 = 80$ |
| 66) $70 + 70 = 140$ | 76) $60 + 60 = 120$ |
| 67) $50 + 50 = 100$ | 77) $50 + 50 = 100$ |
| 68) $70 + 70 = 140$ | 78) $40 + 40 = 80$ |
| 69) $90 + 90 = 180$ | 79) $60 + 60 = 120$ |
| 70) $80 + 80 = 160$ | 80) $50 + 50 = 100$ |

Addition revision

- | | |
|------------------|-------------------|
| 81) $1 + 4 = 5$ | 86) $8 + 8 = 16$ |
| 82) $3 + 7 = 10$ | 87) $10 + 7 = 17$ |
| 83) $3 + 5 = 8$ | 88) $9 + 9 = 18$ |
| 84) $7 + 7 = 14$ | 89) $2 + 4 = 6$ |
| 85) $3 + 8 = 11$ | 90) $2 + 7 = 9$ |

Rainbow missing number

- | | |
|------------------|-------------------|
| 91) $7 + 3 = 10$ | 96) $0 + 10 = 10$ |
| 92) $8 + 2 = 10$ | 97) $9 + 1 = 10$ |
| 93) $2 + 8 = 10$ | 98) $6 + 4 = 10$ |
| 94) $1 + 9 = 10$ | 99) $3 + 7 = 10$ |
| 95) $5 + 5 = 10$ | 100) $4 + 6 = 10$ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Doubles addition and subtraction number facts are taught using a DOUBLE/HALVE strategy, connecting to everyday situations in which numbers are doubled, or one half of a double is subtracted.

Time:

Score:

Double/Halve: 6 [B]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	-------------	--------	---	---	-----

Double

- | | |
|------------------|--------------------|
| 1) $7 + 7 = 14$ | 11) $5 + 5 = 10$ |
| 2) $6 + 6 = 12$ | 12) $9 + 9 = 18$ |
| 3) $5 + 5 = 10$ | 13) $10 + 10 = 20$ |
| 4) $6 + 6 = 12$ | 14) $1 + 1 = 2$ |
| 5) $7 + 7 = 14$ | 15) $9 + 9 = 18$ |
| 6) $1 + 1 = 2$ | 16) $0 + 0 = 0$ |
| 7) $5 + 5 = 10$ | 17) $7 + 7 = 14$ |
| 8) $9 + 9 = 18$ | 18) $3 + 3 = 6$ |
| 9) $4 + 4 = 8$ | 19) $6 + 6 = 12$ |
| 10) $8 + 8 = 16$ | 20) $2 + 2 = 4$ |

Missing number

- | | |
|------------------|------------------|
| 41) $4 + 4 = 8$ | 51) $6 + 6 = 12$ |
| 42) $5 + 5 = 10$ | 52) $7 + 7 = 14$ |
| 43) $3 + 3 = 6$ | 53) $8 + 8 = 16$ |
| 44) $9 + 9 = 18$ | 54) $7 + 7 = 14$ |
| 45) $2 + 2 = 4$ | 55) $6 + 6 = 12$ |
| 46) $5 + 5 = 10$ | 56) $6 + 6 = 12$ |
| 47) $4 + 4 = 8$ | 57) $7 + 7 = 14$ |
| 48) $9 + 9 = 18$ | 58) $6 + 6 = 12$ |
| 49) $3 + 3 = 6$ | 59) $8 + 8 = 16$ |
| 50) $4 + 6 = 10$ | 60) $5 + 5 = 10$ |

Halve

- | | |
|------------------|--------------------|
| 21) $8 - 4 = 4$ | 31) $2 - 1 = 1$ |
| 22) $8 - 4 = 4$ | 32) $12 - 6 = 6$ |
| 23) $18 - 9 = 9$ | 33) $16 - 8 = 8$ |
| 24) $10 - 5 = 5$ | 34) $20 - 10 = 10$ |
| 25) $16 - 8 = 8$ | 35) $18 - 9 = 9$ |
| 26) $2 - 1 = 1$ | 36) $10 - 5 = 5$ |
| 27) $16 - 8 = 8$ | 37) $6 - 3 = 3$ |
| 28) $14 - 7 = 7$ | 38) $14 - 7 = 7$ |
| 29) $4 - 2 = 2$ | 39) $20 - 10 = 10$ |
| 30) $12 - 6 = 6$ | 40) $12 - 6 = 6$ |

Missing number extensions

- | | |
|---------------------|---------------------|
| 61) $60 + 60 = 120$ | 71) $20 + 20 = 40$ |
| 62) $60 + 60 = 120$ | 72) $30 + 30 = 60$ |
| 63) $50 + 50 = 100$ | 73) $40 + 40 = 80$ |
| 64) $40 + 40 = 80$ | 74) $60 + 60 = 120$ |
| 65) $90 + 90 = 180$ | 75) $70 + 70 = 140$ |
| 66) $50 + 50 = 100$ | 76) $60 + 60 = 120$ |
| 67) $50 + 50 = 100$ | 77) $90 + 90 = 180$ |
| 68) $70 + 70 = 140$ | 78) $80 + 80 = 160$ |
| 69) $40 + 40 = 80$ | 79) $30 + 30 = 60$ |
| 70) $80 + 80 = 160$ | 80) $70 + 70 = 140$ |

Addition revision

- | | |
|-------------------|------------------|
| 81) $8 + 8 = 16$ | 86) $3 + 8 = 11$ |
| 82) $10 + 7 = 17$ | 87) $7 + 7 = 14$ |
| 83) $3 + 5 = 8$ | 88) $2 + 7 = 9$ |
| 84) $3 + 7 = 10$ | 89) $1 + 4 = 5$ |
| 85) $2 + 4 = 6$ | 90) $9 + 9 = 18$ |

Rainbow missing number

- | | |
|-------------------|-------------------|
| 91) $0 + 10 = 10$ | 96) $5 + 5 = 10$ |
| 92) $9 + 1 = 10$ | 97) $8 + 2 = 10$ |
| 93) $4 + 6 = 10$ | 98) $7 + 3 = 10$ |
| 94) $2 + 8 = 10$ | 99) $3 + 7 = 10$ |
| 95) $1 + 9 = 10$ | 100) $6 + 4 = 10$ |

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Time:

Score:

Double/Halve: 6 [C]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	-------------	--------	---	---	-----

Double

- | | |
|------------------|--------------------|
| 1) $7 + 7 = 14$ | 11) $6 + 6 = 12$ |
| 2) $9 + 9 = 18$ | 12) $7 + 7 = 14$ |
| 3) $5 + 5 = 10$ | 13) $4 + 4 = 8$ |
| 4) $8 + 8 = 16$ | 14) $9 + 9 = 18$ |
| 5) $0 + 0 = 0$ | 15) $1 + 1 = 2$ |
| 6) $6 + 6 = 12$ | 16) $6 + 6 = 12$ |
| 7) $5 + 5 = 10$ | 17) $2 + 2 = 4$ |
| 8) $1 + 1 = 2$ | 18) $9 + 9 = 18$ |
| 9) $3 + 3 = 6$ | 19) $10 + 10 = 20$ |
| 10) $7 + 7 = 14$ | 20) $5 + 5 = 10$ |

Missing number

- | | |
|------------------|------------------|
| 41) $5 + 5 = 10$ | 51) $6 + 6 = 12$ |
| 42) $8 + 8 = 16$ | 52) $7 + 7 = 14$ |
| 43) $9 + 9 = 18$ | 53) $4 + 4 = 8$ |
| 44) $3 + 3 = 6$ | 54) $5 + 5 = 10$ |
| 45) $6 + 6 = 12$ | 55) $5 + 5 = 10$ |
| 46) $7 + 7 = 14$ | 56) $4 + 6 = 10$ |
| 47) $3 + 3 = 6$ | 57) $6 + 6 = 12$ |
| 48) $7 + 7 = 14$ | 58) $4 + 4 = 8$ |
| 49) $8 + 8 = 16$ | 59) $6 + 6 = 12$ |
| 50) $9 + 9 = 18$ | 60) $2 + 2 = 4$ |

Halve

- | | |
|--------------------|--------------------|
| 21) $12 - 6 = 6$ | 31) $2 - 1 = 1$ |
| 22) $10 - 5 = 5$ | 32) $12 - 6 = 6$ |
| 23) $14 - 7 = 7$ | 33) $18 - 9 = 9$ |
| 24) $16 - 8 = 8$ | 34) $16 - 8 = 8$ |
| 25) $6 - 3 = 3$ | 35) $14 - 7 = 7$ |
| 26) $2 - 1 = 1$ | 36) $18 - 9 = 9$ |
| 27) $16 - 8 = 8$ | 37) $8 - 4 = 4$ |
| 28) $20 - 10 = 10$ | 38) $8 - 4 = 4$ |
| 29) $12 - 6 = 6$ | 39) $20 - 10 = 10$ |
| 30) $4 - 2 = 2$ | 40) $10 - 5 = 5$ |

Missing number extensions

- | | |
|---------------------|---------------------|
| 61) $50 + 50 = 100$ | 71) $90 + 90 = 180$ |
| 62) $70 + 70 = 140$ | 72) $40 + 40 = 80$ |
| 63) $60 + 60 = 120$ | 73) $40 + 40 = 80$ |
| 64) $60 + 60 = 120$ | 74) $30 + 30 = 60$ |
| 65) $50 + 50 = 100$ | 75) $30 + 30 = 60$ |
| 66) $40 + 40 = 80$ | 76) $90 + 90 = 180$ |
| 67) $60 + 60 = 120$ | 77) $50 + 50 = 100$ |
| 68) $70 + 70 = 140$ | 78) $80 + 80 = 160$ |
| 69) $20 + 20 = 40$ | 79) $60 + 60 = 120$ |
| 70) $70 + 70 = 140$ | 80) $80 + 80 = 160$ |

Addition revision

- | | |
|------------------|-------------------|
| 81) $9 + 9 = 18$ | 86) $2 + 7 = 9$ |
| 82) $1 + 4 = 5$ | 87) $8 + 8 = 16$ |
| 83) $3 + 5 = 8$ | 88) $7 + 7 = 14$ |
| 84) $2 + 4 = 6$ | 89) $10 + 7 = 17$ |
| 85) $3 + 8 = 11$ | 90) $3 + 7 = 10$ |

Rainbow missing number

- | | |
|------------------|-------------------|
| 91) $9 + 1 = 10$ | 96) $3 + 7 = 10$ |
| 92) $6 + 4 = 10$ | 97) $0 + 10 = 10$ |
| 93) $4 + 6 = 10$ | 98) $2 + 8 = 10$ |
| 94) $8 + 2 = 10$ | 99) $1 + 9 = 10$ |
| 95) $5 + 5 = 10$ | 100) $7 + 3 = 10$ |

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Time:

Score:

Double/Halve: 6 [D]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	-------------	--------	---	---	-----

Double

- | | |
|------------------------------|--------------------------------|
| 1) $3 + 3 = \underline{6}$ | 11) $9 + 9 = \underline{18}$ |
| 2) $0 + 0 = \underline{0}$ | 12) $9 + 9 = \underline{18}$ |
| 3) $7 + 7 = \underline{14}$ | 13) $10 + 10 = \underline{20}$ |
| 4) $6 + 6 = \underline{12}$ | 14) $5 + 5 = \underline{10}$ |
| 5) $6 + 6 = \underline{12}$ | 15) $5 + 5 = \underline{10}$ |
| 6) $7 + 7 = \underline{14}$ | 16) $6 + 6 = \underline{12}$ |
| 7) $8 + 8 = \underline{16}$ | 17) $7 + 7 = \underline{14}$ |
| 8) $2 + 2 = \underline{4}$ | 18) $5 + 5 = \underline{10}$ |
| 9) $1 + 1 = \underline{2}$ | 19) $1 + 1 = \underline{2}$ |
| 10) $9 + 9 = \underline{18}$ | 20) $4 + 4 = \underline{8}$ |

Missing number

- | | |
|------------------------------|------------------------------|
| 41) $3 + 3 = \underline{6}$ | 51) $6 + \underline{6} = 12$ |
| 42) $3 + 3 = \underline{6}$ | 52) $4 + 4 = \underline{8}$ |
| 43) $7 + \underline{7} = 14$ | 53) $4 + 6 = \underline{10}$ |
| 44) $5 + 5 = \underline{10}$ | 54) $4 + \underline{4} = 8$ |
| 45) $\underline{5} + 5 = 10$ | 55) $6 + 6 = \underline{12}$ |
| 46) $\underline{5} + 5 = 10$ | 56) $8 + 8 = \underline{16}$ |
| 47) $7 + \underline{7} = 14$ | 57) $8 + \underline{8} = 16$ |
| 48) $\underline{6} + 6 = 12$ | 58) $\underline{6} + 6 = 12$ |
| 49) $9 + 9 = \underline{18}$ | 59) $2 + \underline{2} = 4$ |
| 50) $7 + \underline{7} = 14$ | 60) $9 + \underline{9} = 18$ |

Halve

- | | |
|--------------------------------|------------------------------|
| 21) $8 - 4 = \underline{4}$ | 31) $10 - 5 = \underline{5}$ |
| 22) $20 - 10 = \underline{10}$ | 32) $6 - 3 = \underline{3}$ |
| 23) $20 - 10 = \underline{10}$ | 33) $10 - 5 = \underline{5}$ |
| 24) $8 - 4 = \underline{4}$ | 34) $2 - 1 = \underline{1}$ |
| 25) $12 - 6 = \underline{6}$ | 35) $16 - 8 = \underline{8}$ |
| 26) $12 - 6 = \underline{6}$ | 36) $14 - 7 = \underline{7}$ |
| 27) $16 - 8 = \underline{8}$ | 37) $18 - 9 = \underline{9}$ |
| 28) $12 - 6 = \underline{6}$ | 38) $14 - 7 = \underline{7}$ |
| 29) $4 - 2 = \underline{2}$ | 39) $2 - 1 = \underline{1}$ |
| 30) $16 - 8 = \underline{8}$ | 40) $18 - 9 = \underline{9}$ |

Missing number and extensions

- | | |
|---------------------------------|---------------------------------|
| 61) $70 + 70 = \underline{140}$ | 71) $90 + \underline{90} = 180$ |
| 62) $40 + 40 = \underline{80}$ | 72) $80 + 80 = \underline{160}$ |
| 63) $30 + \underline{30} = 60$ | 73) $50 + 50 = \underline{100}$ |
| 64) $80 + 80 = \underline{160}$ | 74) $70 + \underline{70} = 140$ |
| 65) $\underline{60} + 60 = 120$ | 75) $60 + 60 = \underline{120}$ |
| 66) $\underline{20} + 20 = 40$ | 76) $60 + 60 = \underline{120}$ |
| 67) $40 + \underline{40} = 80$ | 77) $30 + \underline{30} = 60$ |
| 68) $\underline{70} + 70 = 140$ | 78) $\underline{50} + 50 = 100$ |
| 69) $40 + 40 = \underline{80}$ | 79) $60 + \underline{60} = 120$ |
| 70) $90 + \underline{90} = 180$ | 80) $50 + \underline{50} = 100$ |

Addition revision

- | | |
|-------------------------------|------------------------------|
| 81) $10 + 7 = \underline{17}$ | 86) $8 + 8 = \underline{16}$ |
| 82) $7 + 7 = \underline{14}$ | 87) $3 + 8 = \underline{11}$ |
| 83) $2 + 4 = \underline{6}$ | 88) $1 + 4 = \underline{5}$ |
| 84) $3 + 7 = \underline{10}$ | 89) $3 + 5 = \underline{8}$ |
| 85) $9 + 9 = \underline{18}$ | 90) $2 + 7 = \underline{9}$ |

Rainbow missing number

- | | |
|-------------------------------|-------------------------------|
| 91) $\underline{0} + 10 = 10$ | 96) $\underline{2} + 8 = 10$ |
| 92) $\underline{4} + 6 = 10$ | 97) $3 + \underline{7} = 10$ |
| 93) $1 + \underline{9} = 10$ | 98) $9 + 1 = \underline{10}$ |
| 94) $5 + 5 = \underline{10}$ | 99) $\underline{6} + 4 = 10$ |
| 95) $\underline{8} + 2 = 10$ | 100) $7 + \underline{3} = 10$ |

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Time:

Score:

Doubles +1: 7 [A]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
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Double +1

- | | |
|-------------------|------------------|
| 1) $8 + 8 = 16$ | 11) $8 + 8 = 16$ |
| 2) $8 + 9 = 17$ | 12) $5 + 5 = 10$ |
| 3) $5 + 6 = 11$ | 13) $7 + 8 = 15$ |
| 4) $6 + 6 = 12$ | 14) $3 + 4 = 7$ |
| 5) $4 + 5 = 9$ | 15) $9 + 9 = 18$ |
| 6) $7 + 7 = 14$ | 16) $5 + 5 = 10$ |
| 7) $4 + 4 = 8$ | 17) $2 + 3 = 5$ |
| 8) $6 + 7 = 13$ | 18) $3 + 3 = 6$ |
| 9) $2 + 2 = 4$ | 19) $5 + 6 = 11$ |
| 10) $9 + 10 = 19$ | 20) $8 + 9 = 17$ |

Related to double +1

- | | |
|------------------|------------------|
| 41) $9 - 4 = 5$ | 51) $8 - 4 = 4$ |
| 42) $9 - 4 = 5$ | 52) $7 - 3 = 4$ |
| 43) $10 - 5 = 5$ | 53) $17 - 8 = 9$ |
| 44) $9 - 4 = 5$ | 54) $14 - 7 = 7$ |
| 45) $8 - 4 = 4$ | 55) $11 - 5 = 6$ |
| 46) $14 - 7 = 7$ | 56) $8 - 4 = 4$ |
| 47) $10 - 5 = 5$ | 57) $15 - 7 = 8$ |
| 48) $16 - 8 = 8$ | 58) $15 - 7 = 8$ |
| 49) $8 - 4 = 4$ | 59) $11 - 5 = 6$ |
| 50) $13 - 6 = 7$ | 60) $6 - 3 = 3$ |

Turn arounds

- | | |
|-------------------|------------------|
| 21) $2 + 2 = 4$ | 31) $5 + 4 = 9$ |
| 22) $3 + 2 = 5$ | 32) $8 + 7 = 15$ |
| 23) $8 + 8 = 16$ | 33) $3 + 3 = 6$ |
| 24) $4 + 4 = 8$ | 34) $5 + 5 = 10$ |
| 25) $8 + 7 = 15$ | 35) $7 + 6 = 13$ |
| 26) $4 + 3 = 7$ | 36) $9 + 8 = 17$ |
| 27) $10 + 9 = 19$ | 37) $7 + 6 = 13$ |
| 28) $9 + 9 = 18$ | 38) $7 + 7 = 14$ |
| 29) $6 + 6 = 12$ | 39) $6 + 6 = 12$ |
| 30) $6 + 5 = 11$ | 40) $7 + 7 = 14$ |

Turn arounds

- | | |
|------------------|------------------|
| 61) $8 - 4 = 4$ | 71) $17 - 9 = 8$ |
| 62) $15 - 7 = 8$ | 72) $11 - 5 = 6$ |
| 63) $7 - 3 = 4$ | 73) $14 - 7 = 7$ |
| 64) $8 - 4 = 4$ | 74) $14 - 7 = 7$ |
| 65) $9 - 4 = 5$ | 75) $12 - 6 = 6$ |
| 66) $13 - 6 = 7$ | 76) $16 - 8 = 8$ |
| 67) $9 - 4 = 5$ | 77) $10 - 5 = 5$ |
| 68) $9 - 4 = 5$ | 78) $15 - 7 = 8$ |
| 69) $10 - 5 = 5$ | 79) $8 - 4 = 4$ |
| 70) $11 - 5 = 6$ | 80) $6 - 3 = 3$ |

Double +1 extensions

- | | | | |
|---------------------|---------------------|---------------------|---------------------|
| 81) $70 + 80 = 150$ | 86) $50 + 40 = 90$ | 91) $30 + 40 = 70$ | 96) $80 + 90 = 170$ |
| 82) $80 + 90 = 170$ | 87) $60 + 50 = 110$ | 92) $60 + 50 = 110$ | 97) $40 + 50 = 90$ |
| 83) $50 + 60 = 110$ | 88) $30 + 20 = 50$ | 93) $70 + 80 = 150$ | 98) $80 + 70 = 150$ |
| 84) $70 + 60 = 130$ | 89) $40 + 50 = 90$ | 94) $40 + 30 = 70$ | 99) $70 + 60 = 130$ |
| 85) $40 + 30 = 70$ | 90) $80 + 70 = 150$ | 95) $50 + 60 = 110$ | 100) $50 + 40 = 90$ |

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Time:

Score:

Doubles +1: 7 [B]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
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Double +1

- | | |
|------------------|------------------|
| 1) $9 + 9 = 18$ | 11) $5 + 5 = 10$ |
| 2) $9 + 10 = 19$ | 12) $2 + 2 = 4$ |
| 3) $7 + 7 = 14$ | 13) $3 + 3 = 6$ |
| 4) $5 + 6 = 11$ | 14) $8 + 9 = 17$ |
| 5) $8 + 8 = 16$ | 15) $5 + 6 = 11$ |
| 6) $4 + 5 = 9$ | 16) $8 + 9 = 17$ |
| 7) $2 + 3 = 5$ | 17) $6 + 6 = 12$ |
| 8) $7 + 8 = 15$ | 18) $4 + 4 = 8$ |
| 9) $6 + 7 = 13$ | 19) $5 + 5 = 10$ |
| 10) $8 + 8 = 16$ | 20) $3 + 4 = 7$ |

Related to double +1

- | | |
|------------------|------------------|
| 41) $8 - 4 = 4$ | 51) $10 - 5 = 5$ |
| 42) $6 - 3 = 3$ | 52) $8 - 4 = 4$ |
| 43) $15 - 7 = 8$ | 53) $14 - 7 = 7$ |
| 44) $14 - 7 = 7$ | 54) $7 - 3 = 4$ |
| 45) $8 - 4 = 4$ | 55) $8 - 4 = 4$ |
| 46) $16 - 8 = 8$ | 56) $13 - 6 = 7$ |
| 47) $9 - 4 = 5$ | 57) $9 - 4 = 5$ |
| 48) $11 - 5 = 6$ | 58) $10 - 5 = 5$ |
| 49) $9 - 4 = 5$ | 59) $11 - 5 = 6$ |
| 50) $15 - 7 = 8$ | 60) $17 - 8 = 9$ |

Turn arounds

- | | |
|-------------------|------------------|
| 21) $5 + 5 = 10$ | 31) $6 + 6 = 12$ |
| 22) $9 + 8 = 17$ | 32) $7 + 7 = 14$ |
| 23) $3 + 3 = 6$ | 33) $8 + 7 = 15$ |
| 24) $8 + 8 = 16$ | 34) $3 + 2 = 5$ |
| 25) $10 + 9 = 19$ | 35) $4 + 3 = 7$ |
| 26) $7 + 6 = 13$ | 36) $7 + 7 = 14$ |
| 27) $6 + 5 = 11$ | 37) $4 + 4 = 8$ |
| 28) $6 + 6 = 12$ | 38) $7 + 6 = 13$ |
| 29) $8 + 7 = 15$ | 39) $5 + 4 = 9$ |
| 30) $2 + 2 = 4$ | 40) $9 + 9 = 18$ |

Turn arounds

- | | |
|------------------|------------------|
| 61) $9 - 4 = 5$ | 71) $10 - 5 = 5$ |
| 62) $16 - 8 = 8$ | 72) $12 - 6 = 6$ |
| 63) $15 - 7 = 8$ | 73) $8 - 4 = 4$ |
| 64) $8 - 4 = 4$ | 74) $14 - 7 = 7$ |
| 65) $9 - 4 = 5$ | 75) $10 - 5 = 5$ |
| 66) $15 - 7 = 8$ | 76) $8 - 4 = 4$ |
| 67) $14 - 7 = 7$ | 77) $11 - 5 = 6$ |
| 68) $11 - 5 = 6$ | 78) $17 - 9 = 8$ |
| 69) $6 - 3 = 3$ | 79) $7 - 3 = 4$ |
| 70) $13 - 6 = 7$ | 80) $9 - 4 = 5$ |

Double +1 extensions

- | | | | |
|---------------------|---------------------|---------------------|---------------------|
| 81) $40 + 50 = 90$ | 86) $80 + 70 = 150$ | 91) $40 + 30 = 70$ | 96) $80 + 70 = 150$ |
| 82) $60 + 50 = 110$ | 87) $80 + 90 = 170$ | 92) $50 + 40 = 90$ | 97) $70 + 60 = 130$ |
| 83) $40 + 30 = 70$ | 88) $50 + 60 = 110$ | 93) $70 + 80 = 150$ | 98) $40 + 50 = 90$ |
| 84) $50 + 40 = 90$ | 89) $70 + 60 = 130$ | 94) $60 + 50 = 110$ | 99) $80 + 90 = 170$ |
| 85) $70 + 80 = 150$ | 90) $30 + 20 = 50$ | 95) $50 + 60 = 110$ | 100) $30 + 40 = 70$ |

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Time:

Score:

Doubles +1: 7 [C]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	------	---------------	---	---	-----

Double +1

- | | |
|-----------------|-------------------|
| 1) $9 + 9 = 18$ | 11) $5 + 5 = 10$ |
| 2) $5 + 6 = 11$ | 12) $6 + 6 = 12$ |
| 3) $2 + 3 = 5$ | 13) $3 + 3 = 6$ |
| 4) $2 + 2 = 4$ | 14) $7 + 7 = 14$ |
| 5) $7 + 8 = 15$ | 15) $8 + 8 = 16$ |
| 6) $4 + 4 = 8$ | 16) $4 + 5 = 9$ |
| 7) $8 + 9 = 17$ | 17) $6 + 7 = 13$ |
| 8) $5 + 6 = 11$ | 18) $9 + 10 = 19$ |
| 9) $8 + 8 = 16$ | 19) $8 + 9 = 17$ |
| 10) $3 + 4 = 7$ | 20) $5 + 5 = 10$ |

Related to double +1

- | | |
|------------------|------------------|
| 41) $15 - 7 = 8$ | 51) $17 - 8 = 9$ |
| 42) $9 - 4 = 5$ | 52) $15 - 7 = 8$ |
| 43) $16 - 8 = 8$ | 53) $10 - 5 = 5$ |
| 44) $11 - 5 = 6$ | 54) $14 - 7 = 7$ |
| 45) $8 - 4 = 4$ | 55) $7 - 3 = 4$ |
| 46) $10 - 5 = 5$ | 56) $9 - 4 = 5$ |
| 47) $8 - 4 = 4$ | 57) $11 - 5 = 6$ |
| 48) $13 - 6 = 7$ | 58) $9 - 4 = 5$ |
| 49) $8 - 4 = 4$ | 59) $8 - 4 = 4$ |
| 50) $6 - 3 = 3$ | 60) $14 - 7 = 7$ |

Turn arounds and extensions

- | | |
|------------------|----------------------|
| 21) $4 + 3 = 7$ | 31) $80 + 70 = 150$ |
| 22) $7 + 6 = 13$ | 32) $30 + 20 = 50$ |
| 23) $3 + 3 = 6$ | 33) $80 + 70 = 150$ |
| 24) $7 + 7 = 14$ | 34) $40 + 40 = 80$ |
| 25) $5 + 4 = 9$ | 35) $80 + 80 = 160$ |
| 26) $9 + 9 = 18$ | 36) $100 + 90 = 190$ |
| 27) $5 + 5 = 10$ | 37) $70 + 70 = 140$ |
| 28) $6 + 5 = 11$ | 38) $60 + 60 = 120$ |
| 29) $7 + 6 = 13$ | 39) $90 + 80 = 170$ |
| 30) $2 + 2 = 4$ | 40) $60 + 60 = 120$ |

Turn arounds and extensions

- | | |
|------------------|---------------------|
| 61) $16 - 8 = 8$ | 71) $170 - 90 = 80$ |
| 62) $8 - 4 = 4$ | 72) $80 - 40 = 40$ |
| 63) $8 - 4 = 4$ | 73) $120 - 60 = 60$ |
| 64) $6 - 3 = 3$ | 74) $70 - 30 = 40$ |
| 65) $14 - 7 = 7$ | 75) $90 - 40 = 50$ |
| 66) $13 - 6 = 7$ | 76) $110 - 50 = 60$ |
| 67) $15 - 7 = 8$ | 77) $110 - 60 = 50$ |
| 68) $9 - 4 = 5$ | 78) $100 - 50 = 50$ |
| 69) $15 - 7 = 8$ | 79) $100 - 60 = 40$ |
| 70) $14 - 7 = 7$ | 80) $90 - 40 = 50$ |

Double +1 extensions

- | | | | |
|---------------------|---------------------|---------------------|---------------------|
| 81) $70 + 60 = 130$ | 86) $30 + 20 = 50$ | 91) $70 + 60 = 130$ | 96) $80 + 70 = 150$ |
| 82) $40 + 30 = 70$ | 87) $80 + 70 = 150$ | 92) $40 + 30 = 70$ | 97) $30 + 40 = 70$ |
| 83) $80 + 90 = 170$ | 88) $40 + 50 = 90$ | 93) $50 + 60 = 110$ | 98) $60 + 50 = 110$ |
| 84) $70 + 80 = 150$ | 89) $60 + 50 = 110$ | 94) $80 + 90 = 170$ | 99) $40 + 50 = 90$ |
| 85) $50 + 40 = 90$ | 90) $50 + 60 = 110$ | 95) $70 + 80 = 150$ | 100) $50 + 40 = 90$ |

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Time:

Score:

Doubles +1: 7 [D]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	------	---------------	---	---	-----

Double +1

- | | |
|------------------|-------------------|
| 1) $5 + 6 = 11$ | 11) $8 + 9 = 17$ |
| 2) $2 + 2 = 4$ | 12) $5 + 6 = 11$ |
| 3) $8 + 8 = 16$ | 13) $9 + 10 = 19$ |
| 4) $9 + 9 = 18$ | 14) $4 + 5 = 9$ |
| 5) $3 + 4 = 7$ | 15) $6 + 6 = 12$ |
| 6) $8 + 9 = 17$ | 16) $8 + 8 = 16$ |
| 7) $2 + 3 = 5$ | 17) $5 + 5 = 10$ |
| 8) $4 + 4 = 8$ | 18) $7 + 8 = 15$ |
| 9) $3 + 3 = 6$ | 19) $5 + 5 = 10$ |
| 10) $6 + 7 = 13$ | 20) $7 + 7 = 14$ |

Related to double +1

- | | |
|------------------|------------------|
| 41) $14 - 7 = 7$ | 51) $17 - 8 = 9$ |
| 42) $13 - 6 = 7$ | 52) $9 - 4 = 5$ |
| 43) $11 - 5 = 6$ | 53) $8 - 4 = 4$ |
| 44) $14 - 7 = 7$ | 54) $7 - 3 = 4$ |
| 45) $8 - 4 = 4$ | 55) $6 - 3 = 3$ |
| 46) $9 - 4 = 5$ | 56) $16 - 8 = 8$ |
| 47) $9 - 4 = 5$ | 57) $8 - 4 = 4$ |
| 48) $10 - 5 = 5$ | 58) $11 - 5 = 6$ |
| 49) $8 - 4 = 4$ | 59) $10 - 5 = 5$ |
| 50) $15 - 7 = 8$ | 60) $15 - 7 = 8$ |

Turn arounds and extensions

- | | |
|-------------------|---------------------|
| 21) $10 + 9 = 19$ | 31) $50 + 50 = 100$ |
| 22) $7 + 7 = 14$ | 32) $60 + 60 = 120$ |
| 23) $3 + 2 = 5$ | 33) $90 + 90 = 180$ |
| 24) $7 + 6 = 13$ | 34) $40 + 40 = 80$ |
| 25) $8 + 7 = 15$ | 35) $70 + 60 = 130$ |
| 26) $5 + 4 = 9$ | 36) $60 + 50 = 110$ |
| 27) $4 + 3 = 7$ | 37) $60 + 60 = 120$ |
| 28) $7 + 7 = 14$ | 38) $30 + 30 = 60$ |
| 29) $2 + 2 = 4$ | 39) $80 + 70 = 150$ |
| 30) $8 + 8 = 16$ | 40) $90 + 80 = 170$ |

Turn arounds and extensions

- | | |
|------------------|---------------------|
| 61) $11 - 5 = 6$ | 71) $60 - 30 = 30$ |
| 62) $7 - 3 = 4$ | 72) $100 - 50 = 50$ |
| 63) $15 - 7 = 8$ | 73) $110 - 50 = 60$ |
| 64) $9 - 4 = 5$ | 74) $140 - 70 = 70$ |
| 65) $8 - 4 = 4$ | 75) $90 - 40 = 50$ |
| 66) $12 - 6 = 6$ | 76) $160 - 80 = 80$ |
| 67) $8 - 4 = 4$ | 77) $90 - 50 = 40$ |
| 68) $10 - 5 = 5$ | 78) $170 - 90 = 80$ |
| 69) $14 - 7 = 7$ | 79) $130 - 60 = 70$ |
| 70) $15 - 7 = 8$ | 80) $80 - 40 = 40$ |

Double +1 extensions

- | | | | |
|---------------------|---------------------|---------------------|----------------------|
| 81) $50 + 40 = 90$ | 86) $80 + 70 = 150$ | 91) $50 + 40 = 90$ | 96) $80 + 90 = 170$ |
| 82) $70 + 80 = 150$ | 87) $60 + 50 = 110$ | 92) $60 + 50 = 110$ | 97) $70 + 80 = 150$ |
| 83) $40 + 30 = 70$ | 88) $80 + 90 = 170$ | 93) $80 + 70 = 150$ | 98) $40 + 50 = 90$ |
| 84) $40 + 50 = 90$ | 89) $50 + 60 = 110$ | 94) $30 + 40 = 70$ | 99) $40 + 30 = 70$ |
| 85) $30 + 20 = 50$ | 90) $70 + 60 = 130$ | 95) $50 + 60 = 110$ | 100) $70 + 60 = 130$ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Double +1 number facts are taught using a THINK OF DOUBLES strategy: once doubles are memorized, any double plus one fact is easily found by counting on one more. Double plus one facts are recognized by the pairing of two numbers that are consecutive counting numbers, their sum equalling double the smaller number plus one more.

Time:

Score:

+/- 9 Near 10: 8 [A]



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

+9

- | | |
|------------------|-------------------|
| 1) $3 + 9 = 12$ | 11) $1 + 9 = 10$ |
| 2) $1 + 9 = 10$ | 12) $6 + 9 = 15$ |
| 3) $3 + 9 = 12$ | 13) $0 + 9 = 9$ |
| 4) $3 + 9 = 12$ | 14) $7 + 9 = 16$ |
| 5) $8 + 9 = 17$ | 15) $0 + 9 = 9$ |
| 6) $2 + 9 = 11$ | 16) $10 + 9 = 19$ |
| 7) $0 + 9 = 9$ | 17) $7 + 9 = 16$ |
| 8) $5 + 9 = 14$ | 18) $4 + 9 = 13$ |
| 9) $3 + 9 = 12$ | 19) $8 + 9 = 17$ |
| 10) $9 + 9 = 18$ | 20) $7 + 9 = 16$ |

+9 Turn arounds

- | | |
|-------------------|-------------------|
| 21) $9 + 5 = 14$ | 31) $9 + 4 = 13$ |
| 22) $9 + 10 = 19$ | 32) $9 + 2 = 11$ |
| 23) $9 + 0 = 9$ | 33) $9 + 4 = 13$ |
| 24) $9 + 1 = 10$ | 34) $9 + 10 = 19$ |
| 25) $9 + 2 = 11$ | 35) $9 + 7 = 16$ |
| 26) $9 + 4 = 13$ | 36) $9 + 4 = 13$ |
| 27) $9 + 4 = 13$ | 37) $9 + 6 = 15$ |
| 28) $9 + 8 = 17$ | 38) $9 + 2 = 11$ |
| 29) $9 + 4 = 13$ | 39) $9 + 9 = 18$ |
| 30) $9 + 1 = 10$ | 40) $9 + 3 = 12$ |

+9 extensions

- | | |
|---------------------|---------------------|
| 81) $90 + 60 = 150$ | 86) $90 + 80 = 170$ |
| 82) $90 + 70 = 160$ | 87) $90 + 50 = 140$ |
| 83) $90 + 30 = 120$ | 88) $90 + 40 = 130$ |
| 84) $90 + 90 = 180$ | 89) $90 + 60 = 150$ |
| 85) $90 + 20 = 110$ | 90) $90 + 40 = 130$ |

Difference of 9, -9

- | | |
|------------------|------------------|
| 41) $16 - 7 = 9$ | 61) $15 - 9 = 6$ |
| 42) $10 - 1 = 9$ | 62) $16 - 7 = 9$ |
| 43) $17 - 8 = 9$ | 63) $13 - 4 = 9$ |
| 44) $16 - 7 = 9$ | 64) $10 - 9 = 1$ |
| 45) $16 - 9 = 7$ | 65) $16 - 7 = 9$ |
| 46) $12 - 9 = 3$ | 66) $17 - 8 = 9$ |
| 47) $9 - 9 = 0$ | 67) $11 - 9 = 2$ |
| 48) $12 - 9 = 3$ | 68) $15 - 6 = 9$ |
| 49) $17 - 8 = 9$ | 69) $14 - 5 = 9$ |
| 50) $13 - 4 = 9$ | 70) $14 - 9 = 5$ |
| 51) $16 - 9 = 7$ | 71) $10 - 9 = 1$ |
| 52) $9 - 9 = 0$ | 72) $13 - 9 = 4$ |
| 53) $18 - 9 = 9$ | 73) $10 - 1 = 9$ |
| 54) $12 - 3 = 9$ | 74) $15 - 6 = 9$ |
| 55) $18 - 9 = 9$ | 75) $11 - 2 = 9$ |
| 56) $15 - 6 = 9$ | 76) $13 - 9 = 4$ |
| 57) $14 - 5 = 9$ | 77) $14 - 5 = 9$ |
| 58) $11 - 9 = 2$ | 78) $13 - 9 = 4$ |
| 59) $16 - 9 = 7$ | 79) $9 - 9 = 0$ |
| 60) $13 - 9 = 4$ | 80) $13 - 4 = 9$ |

+9 missing number extensions

- | | |
|---------------------|----------------------|
| 91) $40 + 90 = 130$ | 96) $10 + 90 = 100$ |
| 92) $30 + 90 = 120$ | 97) $20 + 90 = 110$ |
| 93) $90 + 90 = 180$ | 98) $70 + 90 = 160$ |
| 94) $50 + 90 = 140$ | 99) $10 + 90 = 100$ |
| 95) $60 + 90 = 150$ | 100) $80 + 90 = 170$ |

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Time:

Score:

+/- 9 Near 10: 8 [B]



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

+9

- | | |
|------------------|-------------------|
| 1) $0 + 9 = 9$ | 11) $6 + 9 = 15$ |
| 2) $0 + 9 = 9$ | 12) $7 + 9 = 16$ |
| 3) $4 + 9 = 13$ | 13) $3 + 9 = 12$ |
| 4) $7 + 9 = 16$ | 14) $10 + 9 = 19$ |
| 5) $3 + 9 = 12$ | 15) $2 + 9 = 11$ |
| 6) $8 + 9 = 17$ | 16) $9 + 9 = 18$ |
| 7) $3 + 9 = 12$ | 17) $0 + 9 = 9$ |
| 8) $5 + 9 = 14$ | 18) $7 + 9 = 16$ |
| 9) $8 + 9 = 17$ | 19) $1 + 9 = 10$ |
| 10) $1 + 9 = 10$ | 20) $3 + 9 = 12$ |

+9 Turn arounds

- | | |
|------------------|-------------------|
| 21) $9 + 4 = 13$ | 31) $9 + 3 = 12$ |
| 22) $9 + 4 = 13$ | 32) $9 + 5 = 14$ |
| 23) $9 + 2 = 11$ | 33) $9 + 9 = 18$ |
| 24) $9 + 7 = 16$ | 34) $9 + 10 = 19$ |
| 25) $9 + 4 = 13$ | 35) $9 + 6 = 15$ |
| 26) $9 + 2 = 11$ | 36) $9 + 4 = 13$ |
| 27) $9 + 0 = 9$ | 37) $9 + 1 = 10$ |
| 28) $9 + 1 = 10$ | 38) $9 + 10 = 19$ |
| 29) $9 + 8 = 17$ | 39) $9 + 2 = 11$ |
| 30) $9 + 4 = 13$ | 40) $9 + 4 = 13$ |

+9 extensions

- | | |
|---------------------|---------------------|
| 81) $90 + 20 = 110$ | 86) $90 + 60 = 150$ |
| 82) $90 + 40 = 130$ | 87) $90 + 30 = 120$ |
| 83) $90 + 10 = 100$ | 88) $90 + 70 = 160$ |
| 84) $90 + 50 = 140$ | 89) $90 + 40 = 130$ |
| 85) $90 + 80 = 170$ | 90) $90 + 90 = 180$ |

Difference of 9, -9

- | | |
|------------------|------------------|
| 41) $14 - 5 = 9$ | 61) $16 - 7 = 9$ |
| 42) $12 - 9 = 3$ | 62) $13 - 4 = 9$ |
| 43) $15 - 6 = 9$ | 63) $16 - 9 = 7$ |
| 44) $11 - 2 = 9$ | 64) $11 - 9 = 2$ |
| 45) $17 - 8 = 9$ | 65) $15 - 6 = 9$ |
| 46) $13 - 4 = 9$ | 66) $15 - 9 = 6$ |
| 47) $14 - 5 = 9$ | 67) $9 - 9 = 0$ |
| 48) $10 - 9 = 1$ | 68) $17 - 8 = 9$ |
| 49) $16 - 7 = 9$ | 69) $13 - 9 = 4$ |
| 50) $12 - 3 = 9$ | 70) $10 - 9 = 1$ |
| 51) $18 - 9 = 9$ | 71) $14 - 9 = 5$ |
| 52) $12 - 9 = 3$ | 72) $16 - 9 = 7$ |
| 53) $18 - 9 = 9$ | 73) $9 - 9 = 0$ |
| 54) $16 - 9 = 7$ | 74) $10 - 1 = 9$ |
| 55) $9 - 9 = 0$ | 75) $15 - 6 = 9$ |
| 56) $13 - 4 = 9$ | 76) $10 - 1 = 9$ |
| 57) $13 - 9 = 4$ | 77) $11 - 9 = 2$ |
| 58) $16 - 7 = 9$ | 78) $17 - 8 = 9$ |
| 59) $13 - 9 = 4$ | 79) $13 - 9 = 4$ |
| 60) $14 - 5 = 9$ | 80) $16 - 7 = 9$ |

+9 missing number extensions

- | | |
|---------------------|----------------------|
| 91) $30 + 90 = 120$ | 96) $10 + 90 = 100$ |
| 92) $20 + 90 = 110$ | 97) $90 + 90 = 180$ |
| 93) $50 + 90 = 140$ | 98) $10 + 90 = 100$ |
| 94) $40 + 90 = 130$ | 99) $70 + 90 = 160$ |
| 95) $60 + 90 = 150$ | 100) $80 + 90 = 170$ |

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Time:

Score:

+/- 9 Near 10: 8 [C]



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

+9

- | | |
|------------------|-------------------|
| 1) $8 + 9 = 17$ | 11) $5 + 9 = 14$ |
| 2) $1 + 9 = 10$ | 12) $3 + 9 = 12$ |
| 3) $0 + 9 = 9$ | 13) $7 + 9 = 16$ |
| 4) $9 + 9 = 18$ | 14) $3 + 9 = 12$ |
| 5) $3 + 9 = 12$ | 15) $4 + 9 = 13$ |
| 6) $8 + 9 = 17$ | 16) $1 + 9 = 10$ |
| 7) $3 + 9 = 12$ | 17) $2 + 9 = 11$ |
| 8) $6 + 9 = 15$ | 18) $0 + 9 = 9$ |
| 9) $7 + 9 = 16$ | 19) $10 + 9 = 19$ |
| 10) $7 + 9 = 16$ | 20) $0 + 9 = 9$ |

+9 Turn arounds and extensions

- | | |
|-------------------|---------------------|
| 21) $9 + 1 = 10$ | 31) $90 + 50 = 140$ |
| 22) $9 + 10 = 19$ | 32) $90 + 30 = 120$ |
| 23) $9 + 4 = 13$ | 33) $90 + 20 = 110$ |
| 24) $9 + 2 = 11$ | 34) $90 + 40 = 130$ |
| 25) $9 + 9 = 18$ | 35) $90 + 10 = 100$ |
| 26) $9 + 4 = 13$ | 36) $90 + 40 = 130$ |
| 27) $9 + 7 = 16$ | 37) $90 + 20 = 110$ |
| 28) $9 + 8 = 17$ | 38) $90 + 40 = 130$ |
| 29) $9 + 0 = 9$ | 39) $90 + 60 = 150$ |
| 30) $9 + 10 = 19$ | 40) $90 + 40 = 130$ |

+9 extensions

- | | |
|---------------------|---------------------|
| 81) $90 + 70 = 160$ | 86) $90 + 30 = 120$ |
| 82) $90 + 60 = 150$ | 87) $90 + 40 = 130$ |
| 83) $90 + 50 = 140$ | 88) $90 + 90 = 180$ |
| 84) $90 + 60 = 150$ | 89) $90 + 80 = 170$ |
| 85) $90 + 40 = 130$ | 90) $90 + 20 = 110$ |

Difference of 9, -9 and extensions

- | | |
|------------------|---------------------|
| 41) $14 - 5 = 9$ | 61) $100 - 10 = 90$ |
| 42) $9 - 9 = 0$ | 62) $160 - 90 = 70$ |
| 43) $13 - 9 = 4$ | 63) $140 - 50 = 90$ |
| 44) $13 - 4 = 9$ | 64) $130 - 90 = 40$ |
| 45) $16 - 7 = 9$ | 65) $170 - 80 = 90$ |
| 46) $15 - 6 = 9$ | 66) $130 - 90 = 40$ |
| 47) $18 - 9 = 9$ | 67) $120 - 90 = 30$ |
| 48) $15 - 6 = 9$ | 68) $90 - 90 = 0$ |
| 49) $18 - 9 = 9$ | 69) $100 - 10 = 90$ |
| 50) $17 - 8 = 9$ | 70) $150 - 90 = 60$ |
| 51) $14 - 9 = 5$ | 71) $100 - 90 = 10$ |
| 52) $16 - 9 = 7$ | 72) $130 - 40 = 90$ |
| 53) $16 - 9 = 7$ | 73) $170 - 80 = 90$ |
| 54) $14 - 5 = 9$ | 74) $110 - 90 = 20$ |
| 55) $16 - 7 = 9$ | 75) $110 - 20 = 90$ |
| 56) $10 - 9 = 1$ | 76) $90 - 90 = 0$ |
| 57) $15 - 6 = 9$ | 77) $160 - 70 = 90$ |
| 58) $13 - 4 = 9$ | 78) $120 - 90 = 30$ |
| 59) $13 - 9 = 4$ | 79) $120 - 30 = 90$ |
| 60) $11 - 9 = 2$ | 80) $160 - 70 = 90$ |

+9 missing number extensions

- | | |
|---------------------|----------------------|
| 91) $10 + 90 = 100$ | 96) $20 + 90 = 110$ |
| 92) $50 + 90 = 140$ | 97) $80 + 90 = 170$ |
| 93) $70 + 90 = 160$ | 98) $40 + 90 = 130$ |
| 94) $10 + 90 = 100$ | 99) $30 + 90 = 120$ |
| 95) $60 + 90 = 150$ | 100) $90 + 90 = 180$ |

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Time:

Score:

+/- 9 Near 10: 8 [D]



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

+9

- | | |
|------------------|------------------|
| 1) $1 + 9 = 10$ | 11) $7 + 9 = 16$ |
| 2) $0 + 9 = 9$ | 12) $1 + 9 = 10$ |
| 3) $10 + 9 = 19$ | 13) $0 + 9 = 9$ |
| 4) $5 + 9 = 14$ | 14) $6 + 9 = 15$ |
| 5) $3 + 9 = 12$ | 15) $7 + 9 = 16$ |
| 6) $0 + 9 = 9$ | 16) $3 + 9 = 12$ |
| 7) $2 + 9 = 11$ | 17) $8 + 9 = 17$ |
| 8) $8 + 9 = 17$ | 18) $4 + 9 = 13$ |
| 9) $3 + 9 = 12$ | 19) $3 + 9 = 12$ |
| 10) $7 + 9 = 16$ | 20) $9 + 9 = 18$ |

+9 Turn arounds and extensions

- | | |
|-------------------|----------------------|
| 21) $9 + 4 = 13$ | 31) $90 + 40 = 130$ |
| 22) $9 + 2 = 11$ | 32) $90 + 30 = 120$ |
| 23) $9 + 1 = 10$ | 33) $90 + 60 = 150$ |
| 24) $9 + 9 = 18$ | 34) $90 + 50 = 140$ |
| 25) $9 + 7 = 16$ | 35) $90 + 30 = 120$ |
| 26) $9 + 10 = 19$ | 36) $90 + 40 = 130$ |
| 27) $9 + 2 = 11$ | 37) $90 + 80 = 170$ |
| 28) $9 + 0 = 9$ | 38) $90 + 10 = 100$ |
| 29) $9 + 4 = 13$ | 39) $90 + 100 = 190$ |
| 30) $9 + 4 = 13$ | 40) $90 + 20 = 110$ |

+9 extensions

- | | |
|---------------------|---------------------|
| 81) $90 + 20 = 110$ | 86) $90 + 30 = 120$ |
| 82) $90 + 70 = 160$ | 87) $90 + 80 = 170$ |
| 83) $90 + 90 = 180$ | 88) $90 + 40 = 130$ |
| 84) $90 + 40 = 130$ | 89) $90 + 10 = 100$ |
| 85) $90 + 60 = 150$ | 90) $90 + 50 = 140$ |

Difference of 9, -9 and extensions

- | | |
|------------------|----------------------|
| 41) $15 - 6 = 9$ | 61) $130 - 40 = 90$ |
| 42) $15 - 6 = 9$ | 62) $150 - 60 = 90$ |
| 43) $16 - 7 = 9$ | 63) $130 - 90 = 40$ |
| 44) $13 - 9 = 4$ | 64) $100 - 90 = 10$ |
| 45) $9 - 9 = 0$ | 65) $110 - 20 = 90$ |
| 46) $14 - 9 = 5$ | 66) $120 - 90 = 30$ |
| 47) $16 - 7 = 9$ | 67) $130 - 40 = 90$ |
| 48) $16 - 9 = 7$ | 68) $180 - 90 = 90$ |
| 49) $16 - 7 = 9$ | 69) $180 - 80 = 100$ |
| 50) $17 - 8 = 9$ | 70) $160 - 70 = 90$ |
| 51) $10 - 1 = 9$ | 71) $100 - 90 = 10$ |
| 52) $14 - 5 = 9$ | 72) $110 - 90 = 20$ |
| 53) $9 - 9 = 0$ | 73) $130 - 90 = 40$ |
| 54) $13 - 4 = 9$ | 74) $120 - 30 = 90$ |
| 55) $14 - 5 = 9$ | 75) $170 - 80 = 90$ |
| 56) $16 - 9 = 7$ | 76) $130 - 90 = 40$ |
| 57) $16 - 9 = 7$ | 77) $170 - 80 = 90$ |
| 58) $9 - 9 = 0$ | 78) $110 - 90 = 20$ |
| 59) $15 - 9 = 6$ | 79) $140 - 50 = 90$ |
| 60) $10 - 1 = 9$ | 80) $120 - 90 = 30$ |

+9 missing number extensions

- | | |
|---------------------|----------------------|
| 91) $90 + 90 = 180$ | 96) $80 + 90 = 170$ |
| 92) $10 + 90 = 100$ | 97) $20 + 90 = 110$ |
| 93) $30 + 90 = 120$ | 98) $50 + 90 = 140$ |
| 94) $60 + 90 = 150$ | 99) $40 + 90 = 130$ |
| 95) $70 + 90 = 160$ | 100) $10 + 90 = 100$ |

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Time:

Score:

+/- 8 Near 10: 9 [A]



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

+8 (near 10)

- | | |
|------------------|------------------|
| 1) $10 + 8 = 18$ | 11) $7 + 8 = 15$ |
| 2) $7 + 8 = 15$ | 12) $4 + 8 = 12$ |
| 3) $2 + 8 = 10$ | 13) $3 + 8 = 11$ |
| 4) $8 + 8 = 16$ | 14) $4 + 8 = 12$ |
| 5) $0 + 8 = 8$ | 15) $9 + 8 = 17$ |
| 6) $0 + 8 = 8$ | 16) $6 + 8 = 14$ |
| 7) $2 + 8 = 10$ | 17) $2 + 8 = 10$ |
| 8) $1 + 8 = 9$ | 18) $8 + 8 = 16$ |
| 9) $3 + 8 = 11$ | 19) $7 + 8 = 15$ |
| 10) $1 + 8 = 9$ | 20) $5 + 8 = 13$ |

Turn arounds

- | | |
|------------------|------------------|
| 21) $8 + 8 = 16$ | 31) $8 + 3 = 11$ |
| 22) $8 + 3 = 11$ | 32) $8 + 5 = 13$ |
| 23) $8 + 3 = 11$ | 33) $8 + 5 = 13$ |
| 24) $8 + 6 = 14$ | 34) $8 + 3 = 11$ |
| 25) $8 + 1 = 9$ | 35) $8 + 9 = 17$ |
| 26) $8 + 5 = 13$ | 36) $8 + 2 = 10$ |
| 27) $8 + 7 = 15$ | 37) $8 + 5 = 13$ |
| 28) $8 + 6 = 14$ | 38) $8 + 7 = 15$ |
| 29) $8 + 9 = 17$ | 39) $8 + 6 = 14$ |
| 30) $8 + 6 = 14$ | 40) $8 + 4 = 12$ |

+8 extensions

- | | |
|----------------------|---------------------|
| 81) $70 + 80 = 150$ | 86) $60 + 80 = 140$ |
| 82) $100 + 80 = 180$ | 87) $80 + 80 = 160$ |
| 83) $10 + 80 = 90$ | 88) $90 + 80 = 170$ |
| 84) $40 + 80 = 120$ | 89) $30 + 80 = 110$ |
| 85) $20 + 80 = 100$ | 90) $50 + 80 = 130$ |

Difference of 8, -8

- | | |
|-------------------|------------------|
| 41) $9 - 8 = 1$ | 61) $10 - 8 = 2$ |
| 42) $12 - 8 = 4$ | 62) $10 - 2 = 8$ |
| 43) $13 - 5 = 8$ | 63) $9 - 8 = 1$ |
| 44) $9 - 1 = 8$ | 64) $11 - 3 = 8$ |
| 45) $14 - 8 = 6$ | 65) $10 - 2 = 8$ |
| 46) $17 - 9 = 8$ | 66) $15 - 7 = 8$ |
| 47) $13 - 5 = 8$ | 67) $15 - 8 = 7$ |
| 48) $8 - 8 = 0$ | 68) $11 - 8 = 3$ |
| 49) $16 - 8 = 8$ | 69) $12 - 4 = 8$ |
| 50) $10 - 2 = 8$ | 70) $15 - 7 = 8$ |
| 51) $8 - 8 = 0$ | 71) $13 - 5 = 8$ |
| 52) $15 - 8 = 7$ | 72) $14 - 8 = 6$ |
| 53) $16 - 8 = 8$ | 73) $17 - 8 = 9$ |
| 54) $14 - 8 = 6$ | 74) $13 - 5 = 8$ |
| 55) $8 - 8 = 0$ | 75) $12 - 4 = 8$ |
| 56) $10 - 8 = 2$ | 76) $12 - 4 = 8$ |
| 57) $11 - 8 = 3$ | 77) $17 - 9 = 8$ |
| 58) $16 - 8 = 8$ | 78) $13 - 5 = 8$ |
| 59) $18 - 10 = 8$ | 79) $11 - 3 = 8$ |
| 60) $12 - 4 = 8$ | 80) $8 - 0 = 8$ |

+8 missing number extensions

- | | |
|---------------------|----------------------|
| 91) $60 + 80 = 140$ | 96) $100 + 80 = 180$ |
| 92) $30 + 80 = 110$ | 97) $50 + 80 = 130$ |
| 93) $80 + 80 = 160$ | 98) $90 + 80 = 170$ |
| 94) $20 + 80 = 100$ | 99) $70 + 80 = 150$ |
| 95) $40 + 80 = 120$ | 100) $10 + 80 = 90$ |

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Time:

Score:

+/- 8 Near 10: 9 [B]



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

+8 (near 10)

- | | |
|------------------|-------------------|
| 1) $4 + 8 = 12$ | 11) $7 + 8 = 15$ |
| 2) $4 + 8 = 12$ | 12) $5 + 8 = 13$ |
| 3) $0 + 8 = 8$ | 13) $1 + 8 = 9$ |
| 4) $9 + 8 = 17$ | 14) $10 + 8 = 18$ |
| 5) $8 + 8 = 16$ | 15) $7 + 8 = 15$ |
| 6) $2 + 8 = 10$ | 16) $6 + 8 = 14$ |
| 7) $7 + 8 = 15$ | 17) $0 + 8 = 8$ |
| 8) $2 + 8 = 10$ | 18) $1 + 8 = 9$ |
| 9) $8 + 8 = 16$ | 19) $3 + 8 = 11$ |
| 10) $3 + 8 = 11$ | 20) $2 + 8 = 10$ |

Turn arounds

- | | |
|------------------|------------------|
| 21) $8 + 1 = 9$ | 31) $8 + 3 = 11$ |
| 22) $8 + 5 = 13$ | 32) $8 + 5 = 13$ |
| 23) $8 + 6 = 14$ | 33) $8 + 3 = 11$ |
| 24) $8 + 3 = 11$ | 34) $8 + 7 = 15$ |
| 25) $8 + 9 = 17$ | 35) $8 + 9 = 17$ |
| 26) $8 + 6 = 14$ | 36) $8 + 8 = 16$ |
| 27) $8 + 6 = 14$ | 37) $8 + 5 = 13$ |
| 28) $8 + 3 = 11$ | 38) $8 + 2 = 10$ |
| 29) $8 + 4 = 12$ | 39) $8 + 6 = 14$ |
| 30) $8 + 5 = 13$ | 40) $8 + 7 = 15$ |

+8 extensions

- | | |
|----------------------|---------------------|
| 81) $50 + 80 = 130$ | 86) $80 + 80 = 160$ |
| 82) $20 + 80 = 100$ | 87) $60 + 80 = 140$ |
| 83) $40 + 80 = 120$ | 88) $70 + 80 = 150$ |
| 84) $10 + 80 = 90$ | 89) $90 + 80 = 170$ |
| 85) $100 + 80 = 180$ | 90) $30 + 80 = 110$ |

Difference of 8, -8

- | | |
|-------------------|------------------|
| 41) $12 - 4 = 8$ | 61) $8 - 8 = 0$ |
| 42) $16 - 8 = 8$ | 62) $14 - 8 = 6$ |
| 43) $18 - 10 = 8$ | 63) $8 - 8 = 0$ |
| 44) $12 - 8 = 4$ | 64) $13 - 5 = 8$ |
| 45) $15 - 8 = 7$ | 65) $14 - 8 = 6$ |
| 46) $12 - 4 = 8$ | 66) $10 - 8 = 2$ |
| 47) $16 - 8 = 8$ | 67) $10 - 2 = 8$ |
| 48) $12 - 4 = 8$ | 68) $13 - 5 = 8$ |
| 49) $13 - 5 = 8$ | 69) $17 - 9 = 8$ |
| 50) $8 - 0 = 8$ | 70) $15 - 7 = 8$ |
| 51) $13 - 5 = 8$ | 71) $17 - 8 = 9$ |
| 52) $10 - 8 = 2$ | 72) $11 - 8 = 3$ |
| 53) $11 - 8 = 3$ | 73) $16 - 8 = 8$ |
| 54) $9 - 1 = 8$ | 74) $9 - 8 = 1$ |
| 55) $15 - 7 = 8$ | 75) $10 - 2 = 8$ |
| 56) $14 - 8 = 6$ | 76) $11 - 3 = 8$ |
| 57) $8 - 8 = 0$ | 77) $11 - 3 = 8$ |
| 58) $15 - 8 = 7$ | 78) $12 - 4 = 8$ |
| 59) $9 - 8 = 1$ | 79) $17 - 9 = 8$ |
| 60) $10 - 2 = 8$ | 80) $13 - 5 = 8$ |

+8 missing number extensions

- | | |
|---------------------|-----------------------|
| 91) $70 + 80 = 150$ | 96) $30 + 80 = 110$ |
| 92) $50 + 80 = 130$ | 97) $80 + 80 = 160$ |
| 93) $60 + 80 = 140$ | 98) $90 + 80 = 170$ |
| 94) $20 + 80 = 100$ | 99) $10 + 80 = 90$ |
| 95) $40 + 80 = 120$ | 100) $100 + 80 = 180$ |

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Time:

Score:

+/- 8 Near 10: 9 [C]



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

+8 (near 10)

- | | |
|------------------|------------------|
| 1) $4 + 8 = 12$ | 11) $1 + 8 = 9$ |
| 2) $4 + 8 = 12$ | 12) $2 + 8 = 10$ |
| 3) $7 + 8 = 15$ | 13) $3 + 8 = 11$ |
| 4) $3 + 8 = 11$ | 14) $8 + 8 = 16$ |
| 5) $0 + 8 = 8$ | 15) $0 + 8 = 8$ |
| 6) $2 + 8 = 10$ | 16) $7 + 8 = 15$ |
| 7) $6 + 8 = 14$ | 17) $8 + 8 = 16$ |
| 8) $7 + 8 = 15$ | 18) $5 + 8 = 13$ |
| 9) $10 + 8 = 18$ | 19) $9 + 8 = 17$ |
| 10) $1 + 8 = 9$ | 20) $2 + 8 = 10$ |

Turn arounds and extensions

- | | |
|------------------|---------------------|
| 21) $8 + 3 = 11$ | 31) $80 + 30 = 110$ |
| 22) $8 + 6 = 14$ | 32) $80 + 20 = 100$ |
| 23) $8 + 9 = 17$ | 33) $80 + 10 = 90$ |
| 24) $8 + 5 = 13$ | 34) $80 + 60 = 140$ |
| 25) $8 + 7 = 15$ | 35) $80 + 80 = 160$ |
| 26) $8 + 2 = 10$ | 36) $80 + 60 = 140$ |
| 27) $8 + 9 = 17$ | 37) $80 + 40 = 120$ |
| 28) $8 + 6 = 14$ | 38) $80 + 50 = 130$ |
| 29) $8 + 5 = 13$ | 39) $80 + 70 = 150$ |
| 30) $8 + 5 = 13$ | 40) $80 + 30 = 110$ |

+8 extensions

- | | |
|---------------------|----------------------|
| 81) $20 + 80 = 100$ | 86) $60 + 80 = 140$ |
| 82) $40 + 80 = 120$ | 87) $10 + 80 = 90$ |
| 83) $70 + 80 = 150$ | 88) $100 + 80 = 180$ |
| 84) $80 + 80 = 160$ | 89) $30 + 80 = 110$ |
| 85) $50 + 80 = 130$ | 90) $90 + 80 = 170$ |

Difference of 8, -8 and extensions

- | | |
|------------------|----------------------|
| 41) $15 - 7 = 8$ | 61) $120 - 40 = 80$ |
| 42) $17 - 9 = 8$ | 62) $170 - 80 = 90$ |
| 43) $10 - 2 = 8$ | 63) $150 - 70 = 80$ |
| 44) $13 - 5 = 8$ | 64) $100 - 80 = 20$ |
| 45) $12 - 8 = 4$ | 65) $80 - 80 = 0$ |
| 46) $14 - 8 = 6$ | 66) $110 - 80 = 30$ |
| 47) $13 - 5 = 8$ | 67) $160 - 80 = 80$ |
| 48) $15 - 8 = 7$ | 68) $180 - 100 = 80$ |
| 49) $10 - 8 = 2$ | 69) $170 - 90 = 80$ |
| 50) $8 - 8 = 0$ | 70) $110 - 30 = 80$ |
| 51) $11 - 3 = 8$ | 71) $130 - 50 = 80$ |
| 52) $8 - 8 = 0$ | 72) $140 - 80 = 60$ |
| 53) $10 - 2 = 8$ | 73) $110 - 80 = 30$ |
| 54) $12 - 4 = 8$ | 74) $140 - 80 = 60$ |
| 55) $13 - 5 = 8$ | 75) $120 - 40 = 80$ |
| 56) $12 - 4 = 8$ | 76) $130 - 50 = 80$ |
| 57) $8 - 0 = 8$ | 77) $90 - 80 = 10$ |
| 58) $15 - 8 = 7$ | 78) $90 - 10 = 80$ |
| 59) $16 - 8 = 8$ | 79) $90 - 80 = 10$ |
| 60) $10 - 2 = 8$ | 80) $160 - 80 = 80$ |

+8 missing number extensions

- | | |
|---------------------|----------------------|
| 91) $70 + 80 = 150$ | 96) $50 + 80 = 130$ |
| 92) $40 + 80 = 120$ | 97) $10 + 80 = 90$ |
| 93) $30 + 80 = 110$ | 98) $100 + 80 = 180$ |
| 94) $90 + 80 = 170$ | 99) $80 + 80 = 160$ |
| 95) $60 + 80 = 140$ | 100) $20 + 80 = 100$ |

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Time:

Score:

+/- 8 Near 10: 9 [D]



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

+8 (near 10)

- | | |
|------------------|------------------|
| 1) $10 + 8 = 18$ | 11) $8 + 8 = 16$ |
| 2) $0 + 8 = 8$ | 12) $2 + 8 = 10$ |
| 3) $7 + 8 = 15$ | 13) $2 + 8 = 10$ |
| 4) $6 + 8 = 14$ | 14) $5 + 8 = 13$ |
| 5) $7 + 8 = 15$ | 15) $0 + 8 = 8$ |
| 6) $7 + 8 = 15$ | 16) $1 + 8 = 9$ |
| 7) $4 + 8 = 12$ | 17) $9 + 8 = 17$ |
| 8) $3 + 8 = 11$ | 18) $3 + 8 = 11$ |
| 9) $4 + 8 = 12$ | 19) $1 + 8 = 9$ |
| 10) $8 + 8 = 16$ | 20) $2 + 8 = 10$ |

Turn arounds and extensions

- | | |
|------------------|---------------------|
| 21) $8 + 7 = 15$ | 31) $80 + 90 = 170$ |
| 22) $8 + 5 = 13$ | 32) $80 + 30 = 110$ |
| 23) $8 + 6 = 14$ | 33) $80 + 70 = 150$ |
| 24) $8 + 5 = 13$ | 34) $80 + 60 = 140$ |
| 25) $8 + 8 = 16$ | 35) $80 + 30 = 110$ |
| 26) $8 + 4 = 12$ | 36) $80 + 30 = 110$ |
| 27) $8 + 5 = 13$ | 37) $80 + 30 = 110$ |
| 28) $8 + 6 = 14$ | 38) $80 + 90 = 170$ |
| 29) $8 + 6 = 14$ | 39) $80 + 20 = 100$ |
| 30) $8 + 5 = 13$ | 40) $80 + 10 = 90$ |

+8 extensions

- | | |
|----------------------|---------------------|
| 81) $70 + 80 = 150$ | 86) $60 + 80 = 140$ |
| 82) $100 + 80 = 180$ | 87) $80 + 80 = 160$ |
| 83) $10 + 80 = 90$ | 88) $90 + 80 = 170$ |
| 84) $40 + 80 = 120$ | 89) $30 + 80 = 110$ |
| 85) $20 + 80 = 100$ | 90) $50 + 80 = 130$ |

Difference of 8, -8 and extensions

- | | |
|-------------------|---------------------|
| 41) $11 - 3 = 8$ | 61) $110 - 80 = 30$ |
| 42) $18 - 10 = 8$ | 62) $100 - 80 = 20$ |
| 43) $13 - 5 = 8$ | 63) $130 - 50 = 80$ |
| 44) $13 - 5 = 8$ | 64) $120 - 40 = 80$ |
| 45) $16 - 8 = 8$ | 65) $90 - 80 = 10$ |
| 46) $8 - 8 = 0$ | 66) $140 - 80 = 60$ |
| 47) $9 - 1 = 8$ | 67) $120 - 80 = 40$ |
| 48) $15 - 8 = 7$ | 68) $170 - 90 = 80$ |
| 49) $17 - 8 = 9$ | 69) $160 - 80 = 80$ |
| 50) $15 - 8 = 7$ | 70) $120 - 40 = 80$ |
| 51) $14 - 8 = 6$ | 71) $80 - 80 = 0$ |
| 52) $13 - 5 = 8$ | 72) $100 - 20 = 80$ |
| 53) $8 - 8 = 0$ | 73) $130 - 50 = 80$ |
| 54) $12 - 4 = 8$ | 74) $120 - 40 = 80$ |
| 55) $8 - 0 = 8$ | 75) $150 - 70 = 80$ |
| 56) $10 - 8 = 2$ | 76) $140 - 80 = 60$ |
| 57) $16 - 8 = 8$ | 77) $100 - 20 = 80$ |
| 58) $9 - 8 = 1$ | 78) $110 - 80 = 30$ |
| 59) $17 - 9 = 8$ | 79) $100 - 20 = 80$ |
| 60) $11 - 3 = 8$ | 80) $150 - 70 = 80$ |

+8 missing number extensions

- | | |
|---------------------|----------------------|
| 91) $60 + 80 = 140$ | 96) $100 + 80 = 180$ |
| 92) $30 + 80 = 110$ | 97) $50 + 80 = 130$ |
| 93) $80 + 80 = 160$ | 98) $90 + 80 = 170$ |
| 94) $20 + 80 = 100$ | 99) $70 + 80 = 150$ |
| 95) $40 + 80 = 120$ | 100) $10 + 80 = 90$ |

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Time:

Score:

Remaining Facts & Revision: 10 [A]



$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	------	------	------	--------	---	---	-----

Remaining addition facts (4+7) (5+7)

- | | |
|-----------------|------------------|
| 1) $7 + 5 = 12$ | 6) $5 + 7 = 12$ |
| 2) $5 + 7 = 12$ | 7) $7 + 5 = 12$ |
| 3) $5 + 7 = 12$ | 8) $7 + 4 = 11$ |
| 4) $7 + 4 = 11$ | 9) $4 + 7 = 11$ |
| 5) $7 + 4 = 11$ | 10) $4 + 7 = 11$ |

Related remaining subtraction facts

- | | |
|------------------|------------------|
| 11) $11 - 7 = 4$ | 16) $12 - 7 = 5$ |
| 12) $12 - 7 = 5$ | 17) $11 - 7 = 4$ |
| 13) $11 - 7 = 4$ | 18) $11 - 7 = 4$ |
| 14) $12 - 7 = 5$ | 19) $12 - 7 = 5$ |
| 15) $11 - 7 = 4$ | 20) $11 - 7 = 4$ |

Missing number revision

- | | |
|-------------------|------------------|
| 21) $7 + 2 = 9$ | 36) $4 + 5 = 9$ |
| 22) $4 + 2 = 6$ | 37) $4 + 8 = 12$ |
| 23) $7 + 8 = 15$ | 38) $5 + 6 = 11$ |
| 24) $4 + 3 = 7$ | 39) $7 + 5 = 12$ |
| 25) $3 + 4 = 7$ | 40) $7 + 4 = 11$ |
| 26) $9 + 9 = 18$ | 41) $7 + 3 = 10$ |
| 27) $5 + 10 = 15$ | 42) $8 + 8 = 16$ |
| 28) $9 + 2 = 11$ | 43) $8 + 7 = 15$ |
| 29) $6 + 7 = 13$ | 44) $7 + 7 = 14$ |
| 30) $3 + 8 = 11$ | 45) $6 + 6 = 12$ |
| 31) $3 + 9 = 12$ | 46) $9 + 7 = 16$ |
| 32) $4 + 6 = 10$ | 47) $8 + 6 = 14$ |
| 33) $7 + 9 = 16$ | 48) $5 + 4 = 9$ |
| 34) $8 + 2 = 10$ | 49) $3 + 5 = 8$ |
| 35) $9 + 4 = 13$ | 50) $9 + 8 = 17$ |

Addition revision

- | | |
|------------------|------------------|
| 51) $5 + 9 = 14$ | 66) $6 + 4 = 10$ |
| 52) $4 + 8 = 12$ | 67) $6 + 6 = 12$ |
| 53) $9 + 6 = 15$ | 68) $6 + 9 = 15$ |
| 54) $9 + 9 = 18$ | 69) $9 + 7 = 16$ |
| 55) $9 + 5 = 14$ | 70) $3 + 9 = 12$ |
| 56) $4 + 4 = 8$ | 71) $5 + 6 = 11$ |
| 57) $5 + 4 = 9$ | 72) $5 + 5 = 10$ |
| 58) $3 + 8 = 11$ | 73) $9 + 4 = 13$ |
| 59) $2 + 5 = 7$ | 74) $6 + 5 = 11$ |
| 60) $3 + 4 = 7$ | 75) $3 + 6 = 9$ |
| 61) $2 + 8 = 10$ | 76) $2 + 7 = 9$ |
| 62) $7 + 6 = 13$ | 77) $6 + 7 = 13$ |
| 63) $4 + 9 = 13$ | 78) $8 + 4 = 12$ |
| 64) $8 + 9 = 17$ | 79) $7 + 5 = 12$ |
| 65) $3 + 5 = 8$ | 80) $8 + 5 = 13$ |

Subtraction revision extensions

- | | |
|---------------------|----------------------|
| 81) $140 - 70 = 70$ | 91) $170 - 80 = 90$ |
| 82) $180 - 90 = 90$ | 92) $60 - 40 = 20$ |
| 83) $130 - 50 = 80$ | 93) $40 - 20 = 20$ |
| 84) $160 - 70 = 90$ | 94) $150 - 90 = 60$ |
| 85) $130 - 70 = 60$ | 95) $60 - 20 = 40$ |
| 86) $120 - 50 = 70$ | 96) $120 - 60 = 60$ |
| 87) $100 - 30 = 70$ | 97) $110 - 80 = 30$ |
| 88) $90 - 30 = 60$ | 98) $110 - 50 = 60$ |
| 89) $70 - 20 = 50$ | 99) $110 - 40 = 70$ |
| 90) $80 - 50 = 30$ | 100) $150 - 60 = 90$ |

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Time:

Score:

Remaining Facts & Revision: 10 [B]



$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	------	------	------	--------	---	---	-----

Remaining addition facts (4+7) (5+7)

- | | |
|-----------------|------------------|
| 1) $5 + 7 = 12$ | 6) $7 + 4 = 11$ |
| 2) $4 + 7 = 11$ | 7) $7 + 4 = 11$ |
| 3) $4 + 7 = 11$ | 8) $7 + 4 = 11$ |
| 4) $7 + 5 = 12$ | 9) $5 + 7 = 12$ |
| 5) $7 + 5 = 12$ | 10) $5 + 7 = 12$ |

Related remaining subtraction facts

- | | |
|------------------|------------------|
| 11) $11 - 7 = 4$ | 16) $11 - 7 = 4$ |
| 12) $11 - 7 = 4$ | 17) $11 - 7 = 4$ |
| 13) $12 - 7 = 5$ | 18) $12 - 7 = 5$ |
| 14) $12 - 7 = 5$ | 19) $12 - 7 = 5$ |
| 15) $11 - 7 = 4$ | 20) $11 - 7 = 4$ |

Missing number revision

- | | |
|------------------|-------------------|
| 21) $9 + 9 = 18$ | 36) $9 + 4 = 13$ |
| 22) $3 + 8 = 11$ | 37) $7 + 3 = 10$ |
| 23) $4 + 5 = 9$ | 38) $6 + 6 = 12$ |
| 24) $8 + 8 = 16$ | 39) $8 + 6 = 14$ |
| 25) $9 + 2 = 11$ | 40) $5 + 6 = 11$ |
| 26) $7 + 5 = 12$ | 41) $4 + 6 = 10$ |
| 27) $4 + 8 = 12$ | 42) $5 + 10 = 15$ |
| 28) $8 + 2 = 10$ | 43) $9 + 8 = 17$ |
| 29) $5 + 4 = 9$ | 44) $3 + 9 = 12$ |
| 30) $9 + 7 = 16$ | 45) $7 + 8 = 15$ |
| 31) $4 + 2 = 6$ | 46) $7 + 4 = 11$ |
| 32) $7 + 2 = 9$ | 47) $3 + 5 = 8$ |
| 33) $7 + 7 = 14$ | 48) $6 + 7 = 13$ |
| 34) $8 + 7 = 15$ | 49) $4 + 3 = 7$ |
| 35) $7 + 9 = 16$ | 50) $3 + 4 = 7$ |

Addition revision

- | | |
|------------------|------------------|
| 51) $9 + 4 = 13$ | 66) $5 + 4 = 9$ |
| 52) $9 + 5 = 14$ | 67) $7 + 5 = 12$ |
| 53) $3 + 5 = 8$ | 68) $3 + 9 = 12$ |
| 54) $2 + 8 = 10$ | 69) $8 + 5 = 13$ |
| 55) $5 + 6 = 11$ | 70) $3 + 6 = 9$ |
| 56) $5 + 5 = 10$ | 71) $2 + 5 = 7$ |
| 57) $3 + 8 = 11$ | 72) $6 + 6 = 12$ |
| 58) $6 + 5 = 11$ | 73) $4 + 4 = 8$ |
| 59) $6 + 7 = 13$ | 74) $4 + 9 = 13$ |
| 60) $6 + 9 = 15$ | 75) $2 + 7 = 9$ |
| 61) $7 + 6 = 13$ | 76) $4 + 8 = 12$ |
| 62) $8 + 4 = 12$ | 77) $5 + 9 = 14$ |
| 63) $6 + 4 = 10$ | 78) $9 + 6 = 15$ |
| 64) $8 + 9 = 17$ | 79) $9 + 7 = 16$ |
| 65) $9 + 9 = 18$ | 80) $3 + 4 = 7$ |

Subtraction revision extensions

- | | |
|---------------------|----------------------|
| 81) $60 - 20 = 40$ | 91) $150 - 90 = 60$ |
| 82) $150 - 70 = 80$ | 92) $110 - 80 = 30$ |
| 83) $130 - 70 = 60$ | 93) $130 - 60 = 70$ |
| 84) $130 - 50 = 80$ | 94) $70 - 20 = 50$ |
| 85) $120 - 50 = 70$ | 95) $110 - 50 = 60$ |
| 86) $150 - 70 = 80$ | 96) $100 - 30 = 70$ |
| 87) $110 - 40 = 70$ | 97) $60 - 40 = 20$ |
| 88) $170 - 80 = 90$ | 98) $180 - 90 = 90$ |
| 89) $80 - 50 = 30$ | 99) $90 - 30 = 60$ |
| 90) $40 - 20 = 20$ | 100) $150 - 60 = 90$ |

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Time:

Score:

Remaining Facts & Revision: 10 [C]



$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	------	------	------	--------	---	---	-----

Remaining addition facts (4+7) (5+7)

- | | |
|-----------------|------------------|
| 1) $4 + 7 = 11$ | 6) $5 + 7 = 12$ |
| 2) $5 + 7 = 12$ | 7) $7 + 5 = 12$ |
| 3) $7 + 4 = 11$ | 8) $7 + 4 = 11$ |
| 4) $7 + 4 = 11$ | 9) $7 + 5 = 12$ |
| 5) $4 + 7 = 11$ | 10) $5 + 7 = 12$ |

Related remaining subtraction facts

- | | |
|------------------|------------------|
| 11) $11 - 7 = 4$ | 16) $12 - 7 = 5$ |
| 12) $12 - 7 = 5$ | 17) $11 - 7 = 4$ |
| 13) $11 - 7 = 4$ | 18) $11 - 7 = 4$ |
| 14) $11 - 7 = 4$ | 19) $11 - 7 = 4$ |
| 15) $12 - 7 = 5$ | 20) $12 - 7 = 5$ |

Missing number revision

- | | |
|------------------|-------------------|
| 21) $4 + 2 = 6$ | 36) $7 + 3 = 10$ |
| 22) $3 + 9 = 12$ | 37) $7 + 4 = 11$ |
| 23) $4 + 6 = 10$ | 38) $5 + 10 = 15$ |
| 24) $7 + 2 = 9$ | 39) $3 + 8 = 11$ |
| 25) $7 + 7 = 14$ | 40) $8 + 7 = 15$ |
| 26) $4 + 5 = 9$ | 41) $8 + 8 = 16$ |
| 27) $9 + 8 = 17$ | 42) $9 + 7 = 16$ |
| 28) $6 + 7 = 13$ | 43) $9 + 9 = 18$ |
| 29) $8 + 6 = 14$ | 44) $5 + 4 = 9$ |
| 30) $4 + 3 = 7$ | 45) $8 + 2 = 10$ |
| 31) $7 + 9 = 16$ | 46) $3 + 5 = 8$ |
| 32) $6 + 6 = 12$ | 47) $7 + 8 = 15$ |
| 33) $9 + 2 = 11$ | 48) $4 + 8 = 12$ |
| 34) $7 + 5 = 12$ | 49) $9 + 4 = 13$ |
| 35) $5 + 6 = 11$ | 50) $3 + 4 = 7$ |

Addition revision

- | | |
|------------------|------------------|
| 51) $7 + 5 = 12$ | 66) $3 + 5 = 8$ |
| 52) $4 + 9 = 13$ | 67) $6 + 7 = 13$ |
| 53) $3 + 6 = 9$ | 68) $6 + 6 = 12$ |
| 54) $3 + 8 = 11$ | 69) $5 + 5 = 10$ |
| 55) $6 + 5 = 11$ | 70) $5 + 4 = 9$ |
| 56) $9 + 7 = 16$ | 71) $5 + 9 = 14$ |
| 57) $9 + 5 = 14$ | 72) $9 + 9 = 18$ |
| 58) $3 + 9 = 12$ | 73) $5 + 6 = 11$ |
| 59) $8 + 5 = 13$ | 74) $8 + 4 = 12$ |
| 60) $6 + 4 = 10$ | 75) $2 + 7 = 9$ |
| 61) $2 + 5 = 7$ | 76) $4 + 4 = 8$ |
| 62) $7 + 6 = 13$ | 77) $2 + 8 = 10$ |
| 63) $9 + 6 = 15$ | 78) $4 + 8 = 12$ |
| 64) $9 + 4 = 13$ | 79) $6 + 9 = 15$ |
| 65) $8 + 9 = 17$ | 80) $3 + 4 = 7$ |

Subtraction revision extensions

- | | |
|---------------------|----------------------|
| 81) $130 - 50 = 80$ | 91) $170 - 80 = 90$ |
| 82) $60 - 20 = 40$ | 92) $130 - 60 = 70$ |
| 83) $120 - 50 = 70$ | 93) $70 - 20 = 50$ |
| 84) $40 - 20 = 20$ | 94) $150 - 60 = 90$ |
| 85) $110 - 50 = 60$ | 95) $90 - 30 = 60$ |
| 86) $180 - 90 = 90$ | 96) $150 - 70 = 80$ |
| 87) $100 - 30 = 70$ | 97) $110 - 80 = 30$ |
| 88) $150 - 70 = 80$ | 98) $110 - 40 = 70$ |
| 89) $60 - 40 = 20$ | 99) $150 - 90 = 60$ |
| 90) $80 - 50 = 30$ | 100) $130 - 70 = 60$ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Once the previous recommended strategies have been learned, there are just two pairs of addition facts which remain: 7+4 and 7+5, and their turnaround facts. These facts can be learned as special cases, and students can be encouraged to think of related facts that help to memorize them. For example, 7+4 is just one more than the rainbow fact 7+3. A pair of ten frames can be used to illustrate 7+5, which will show that this sum is the same as double five plus two, or 12. The remainder of this worksheet includes revision of all strategies from previous worksheet sets.

Time:

Score:

Remaining Facts & Revision: 10 [D]



$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	------	------	------	--------	---	---	-----

Remaining addition facts (4+7) (5+7)

- | | |
|-----------------|------------------|
| 1) $7 + 4 = 11$ | 6) $7 + 5 = 12$ |
| 2) $4 + 7 = 11$ | 7) $5 + 7 = 12$ |
| 3) $5 + 7 = 12$ | 8) $7 + 4 = 11$ |
| 4) $7 + 5 = 12$ | 9) $7 + 4 = 11$ |
| 5) $5 + 7 = 12$ | 10) $4 + 7 = 11$ |

Related remaining subtraction facts

- | | |
|------------------|------------------|
| 11) $12 - 7 = 5$ | 16) $12 - 7 = 5$ |
| 12) $11 - 7 = 4$ | 17) $12 - 7 = 5$ |
| 13) $11 - 7 = 4$ | 18) $12 - 7 = 5$ |
| 14) $11 - 7 = 4$ | 19) $11 - 7 = 4$ |
| 15) $11 - 7 = 4$ | 20) $11 - 7 = 4$ |

Missing number revision

- | | |
|-------------------------------|-------------------------------|
| 21) $\underline{6} + 7 = 13$ | 36) $\underline{7} + 3 = 10$ |
| 22) $3 + \underline{5} = 8$ | 37) $7 + \underline{2} = 9$ |
| 23) $4 + 9 = \underline{13}$ | 38) $3 + \underline{10} = 13$ |
| 24) $\underline{9} + 4 = 13$ | 39) $7 + \underline{5} = 12$ |
| 25) $7 + \underline{8} = 15$ | 40) $\underline{5} + 5 = 10$ |
| 26) $\underline{5} + 7 = 12$ | 41) $\underline{6} + 10 = 16$ |
| 27) $\underline{3} + 2 = 5$ | 42) $8 + 7 = \underline{15}$ |
| 28) $9 + 8 = \underline{17}$ | 43) $4 + 4 = \underline{8}$ |
| 29) $\underline{7} + 4 = 11$ | 44) $7 + 9 = \underline{16}$ |
| 30) $7 + 10 = \underline{17}$ | 45) $6 + \underline{9} = 15$ |
| 31) $4 + \underline{7} = 11$ | 46) $6 + \underline{3} = 9$ |
| 32) $\underline{6} + 4 = 10$ | 47) $5 + \underline{8} = 13$ |
| 33) $3 + \underline{7} = 10$ | 48) $4 + \underline{2} = 6$ |
| 34) $3 + 6 = \underline{9}$ | 49) $4 + 5 = \underline{9}$ |
| 35) $3 + 4 = \underline{7}$ | 50) $8 + \underline{6} = 14$ |

Addition revision

- | | |
|------------------|------------------|
| 51) $3 + 9 = 12$ | 66) $3 + 5 = 8$ |
| 52) $6 + 4 = 10$ | 67) $7 + 5 = 12$ |
| 53) $2 + 8 = 10$ | 68) $6 + 5 = 11$ |
| 54) $5 + 4 = 9$ | 69) $6 + 9 = 15$ |
| 55) $6 + 6 = 12$ | 70) $8 + 5 = 13$ |
| 56) $5 + 5 = 10$ | 71) $8 + 9 = 17$ |
| 57) $9 + 4 = 13$ | 72) $9 + 9 = 18$ |
| 58) $7 + 6 = 13$ | 73) $3 + 8 = 11$ |
| 59) $8 + 4 = 12$ | 74) $4 + 9 = 13$ |
| 60) $4 + 4 = 8$ | 75) $4 + 8 = 12$ |
| 61) $9 + 5 = 14$ | 76) $6 + 7 = 13$ |
| 62) $3 + 4 = 7$ | 77) $2 + 5 = 7$ |
| 63) $9 + 6 = 15$ | 78) $5 + 9 = 14$ |
| 64) $9 + 7 = 16$ | 79) $2 + 7 = 9$ |
| 65) $3 + 6 = 9$ | 80) $5 + 6 = 11$ |

Subtraction revision extensions

- | | |
|---------------------|----------------------|
| 81) $60 - 20 = 40$ | 91) $150 - 90 = 60$ |
| 82) $150 - 60 = 90$ | 92) $130 - 70 = 60$ |
| 83) $110 - 40 = 70$ | 93) $150 - 70 = 80$ |
| 84) $120 - 30 = 90$ | 94) $110 - 50 = 60$ |
| 85) $130 - 50 = 80$ | 95) $120 - 50 = 70$ |
| 86) $170 - 80 = 90$ | 96) $130 - 60 = 70$ |
| 87) $150 - 60 = 90$ | 97) $180 - 90 = 90$ |
| 88) $80 - 50 = 30$ | 98) $150 - 70 = 80$ |
| 89) $60 - 40 = 20$ | 99) $90 - 30 = 60$ |
| 90) $110 - 80 = 30$ | 100) $100 - 30 = 70$ |

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Time:

Score:

Check Up A



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

Count on 1, 2

- | | |
|-----------------|-------------------|
| 1) $2 + 1 = 3$ | 11) $9 + 1 = 10$ |
| 2) $1 + 1 = 2$ | 12) $6 + 1 = 7$ |
| 3) $0 + 1 = 1$ | 13) $9 + 1 = 10$ |
| 4) $5 + 1 = 6$ | 14) $4 + 1 = 5$ |
| 5) $5 + 1 = 6$ | 15) $10 + 1 = 11$ |
| 6) $4 + 1 = 5$ | 16) $2 + 1 = 3$ |
| 7) $8 + 1 = 9$ | 17) $8 + 1 = 9$ |
| 8) $0 + 1 = 1$ | 18) $4 + 1 = 5$ |
| 9) $6 + 1 = 7$ | 19) $3 + 1 = 4$ |
| 10) $7 + 1 = 8$ | 20) $9 + 1 = 10$ |

Turn arounds

- | | |
|-------------------|-------------------|
| 51) $1 + 10 = 11$ | 61) $1 + 2 = 3$ |
| 52) $1 + 5 = 6$ | 62) $1 + 4 = 5$ |
| 53) $2 + 7 = 9$ | 63) $2 + 5 = 7$ |
| 54) $1 + 0 = 1$ | 64) $1 + 6 = 7$ |
| 55) $2 + 3 = 5$ | 65) $1 + 7 = 8$ |
| 56) $2 + 9 = 11$ | 66) $2 + 4 = 6$ |
| 57) $2 + 0 = 2$ | 67) $1 + 1 = 2$ |
| 58) $2 + 6 = 8$ | 68) $1 + 3 = 4$ |
| 59) $1 + 9 = 10$ | 69) $2 + 10 = 12$ |
| 60) $2 + 1 = 3$ | 70) $2 + 2 = 4$ |

Count back 1, 2, difference of 1, 2

- | | |
|-------------------|-------------------|
| 21) $10 - 9 = 1$ | 36) $2 - 2 = 0$ |
| 22) $8 - 1 = 7$ | 37) $3 - 2 = 1$ |
| 23) $2 - 1 = 1$ | 38) $3 - 1 = 2$ |
| 24) $5 - 1 = 4$ | 39) $4 - 3 = 1$ |
| 25) $7 - 2 = 5$ | 40) $10 - 9 = 1$ |
| 26) $8 - 2 = 6$ | 41) $8 - 6 = 2$ |
| 27) $4 - 2 = 2$ | 42) $11 - 1 = 10$ |
| 28) $7 - 5 = 2$ | 43) $12 - 2 = 10$ |
| 29) $7 - 6 = 1$ | 44) $9 - 7 = 2$ |
| 30) $6 - 1 = 5$ | 45) $5 - 3 = 2$ |
| 31) $9 - 8 = 1$ | 46) $11 - 1 = 10$ |
| 32) $6 - 4 = 2$ | 47) $9 - 7 = 2$ |
| 33) $12 - 1 = 11$ | 48) $7 - 5 = 2$ |
| 34) $10 - 2 = 8$ | 49) $12 - 2 = 10$ |
| 35) $11 - 9 = 2$ | 50) $9 - 2 = 7$ |

Missing number

- | | |
|----------------------|----------------------|
| 71) $100 + 20 = 120$ | 86) $80 + 20 = 100$ |
| 72) $30 + 10 = 40$ | 87) $80 + 20 = 100$ |
| 73) $50 + 10 = 60$ | 88) $80 + 10 = 90$ |
| 74) $60 + 20 = 80$ | 89) $50 + 20 = 70$ |
| 75) $100 + 10 = 110$ | 90) $50 + 10 = 60$ |
| 76) $10 + 20 = 30$ | 91) $80 + 10 = 90$ |
| 77) $90 + 20 = 110$ | 92) $60 + 20 = 80$ |
| 78) $70 + 10 = 80$ | 93) $80 + 10 = 90$ |
| 79) $30 + 20 = 50$ | 94) $80 + 10 = 90$ |
| 80) $40 + 20 = 60$ | 95) $40 + 10 = 50$ |
| 81) $70 + 20 = 90$ | 96) $100 + 10 = 110$ |
| 82) $60 + 10 = 70$ | 97) $60 + 20 = 80$ |
| 83) $60 + 20 = 80$ | 98) $80 + 10 = 90$ |
| 84) $90 + 20 = 110$ | 99) $30 + 10 = 40$ |
| 85) $90 + 20 = 110$ | 100) $90 + 10 = 100$ |

This worksheet is part of the Professor Pete's Classroom eBooks "Ten Minutes a Day 2: Extended Addition & Subtraction Worksheets". This Check Up is for assessment to be given upon completion of the 2D worksheet. The teacher should record each student's score and the time taken.

Time:

Score:

Check Up B



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	------	--------	---	---	-----

+1, 2, 3

- | | |
|-----------------|-------------------|
| 1) $6 + 2 = 8$ | 11) $4 + 1 = 5$ |
| 2) $8 + 1 = 9$ | 12) $9 + 3 = 12$ |
| 3) $6 + 3 = 9$ | 13) $7 + 1 = 8$ |
| 4) $7 + 3 = 10$ | 14) $6 + 1 = 7$ |
| 5) $5 + 2 = 7$ | 15) $8 + 2 = 10$ |
| 6) $5 + 1 = 6$ | 16) $7 + 2 = 9$ |
| 7) $4 + 2 = 6$ | 17) $8 + 3 = 11$ |
| 8) $2 + 2 = 4$ | 18) $10 + 3 = 13$ |
| 9) $4 + 3 = 7$ | 19) $10 + 1 = 11$ |
| 10) $2 + 1 = 3$ | 20) $2 + 3 = 5$ |

Missing number

- | | |
|------------------|------------------|
| 51) $9 + 1 = 10$ | 61) $9 + 1 = 10$ |
| 52) $9 + 1 = 10$ | 62) $9 + 1 = 10$ |
| 53) $9 + 1 = 10$ | 63) $9 + 1 = 10$ |
| 54) $9 + 1 = 10$ | 64) $9 + 1 = 10$ |
| 55) $9 + 1 = 10$ | 65) $9 + 1 = 10$ |
| 56) $9 + 1 = 10$ | 66) $9 + 1 = 10$ |
| 57) $9 + 1 = 10$ | 67) $9 + 1 = 10$ |
| 58) $9 + 1 = 10$ | 68) $9 + 1 = 10$ |
| 59) $9 + 1 = 10$ | 69) $9 + 1 = 10$ |
| 60) $9 + 1 = 10$ | 70) $9 + 1 = 10$ |

Count back 1, 2, 3, difference of 1, 2, 3

- | | |
|------------------|-------------------|
| 21) $7 - 3 = 4$ | 31) $4 - 1 = 3$ |
| 22) $6 - 3 = 3$ | 32) $8 - 3 = 5$ |
| 23) $10 - 7 = 3$ | 33) $7 - 4 = 3$ |
| 24) $7 - 3 = 4$ | 34) $9 - 6 = 3$ |
| 25) $5 - 3 = 2$ | 35) $9 - 3 = 6$ |
| 26) $11 - 8 = 3$ | 36) $13 - 3 = 10$ |
| 27) $12 - 3 = 9$ | 37) $11 - 3 = 8$ |
| 28) $11 - 3 = 8$ | 38) $10 - 3 = 7$ |
| 29) $4 - 3 = 1$ | 39) $8 - 5 = 3$ |
| 30) $12 - 9 = 3$ | 40) $12 - 3 = 9$ |

Subtraction rainbow facts

- | | |
|------------------|-------------------|
| 71) $10 - 7 = 3$ | 81) $10 - 10 = 0$ |
| 72) $10 - 9 = 1$ | 82) $10 - 5 = 5$ |
| 73) $10 - 3 = 7$ | 83) $10 - 8 = 2$ |
| 74) $10 - 4 = 6$ | 84) $10 - 3 = 7$ |
| 75) $10 - 8 = 2$ | 85) $10 - 4 = 6$ |
| 76) $10 - 2 = 8$ | 86) $10 - 1 = 9$ |
| 77) $10 - 5 = 5$ | 87) $10 - 1 = 9$ |
| 78) $10 - 7 = 3$ | 88) $10 - 1 = 9$ |
| 79) $10 - 6 = 4$ | 89) $10 - 3 = 7$ |
| 80) $10 - 7 = 3$ | 90) $10 - 2 = 8$ |

Difference of 3, -3 extensions

- | | |
|----------------------|---------------------|
| 41) $50 - 20 = 30$ | 46) $70 - 40 = 30$ |
| 42) $60 - 30 = 30$ | 47) $100 - 70 = 30$ |
| 43) $90 - 30 = 60$ | 48) $110 - 30 = 80$ |
| 44) $130 - 30 = 100$ | 49) $80 - 50 = 30$ |
| 45) $30 - 30 = 0$ | 50) $120 - 30 = 90$ |

Rainbow missing number extensions

- | | |
|---------------------|----------------------|
| 91) $30 + 70 = 100$ | 96) $90 + 10 = 100$ |
| 92) $20 + 80 = 100$ | 97) $10 + 90 = 100$ |
| 93) $80 + 20 = 100$ | 98) $30 + 70 = 100$ |
| 94) $60 + 40 = 100$ | 99) $40 + 60 = 100$ |
| 95) $50 + 50 = 100$ | 100) $70 + 30 = 100$ |

This worksheet is part of the Professor Pete's Classroom eBooks "Ten Minutes a Day 2: Extended Addition & Subtraction Worksheets". This Check Up is for assessment to be given upon completion of the 4D worksheet. The teacher should record each student's score and the time taken.

Time:

Score:

Check Up C



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	------	--------	---	---	-----

+1, 2, 3, 0, 10

- | | |
|-------------------|-------------------|
| 1) $9 + 3 = 12$ | 11) $3 + 3 = 6$ |
| 2) $10 + 3 = 13$ | 12) $9 + 1 = 10$ |
| 3) $6 + 3 = 9$ | 13) $7 + 2 = 9$ |
| 4) $8 + 2 = 10$ | 14) $4 + 2 = 6$ |
| 5) $2 + 0 = 2$ | 15) $2 + 1 = 3$ |
| 6) $8 + 1 = 9$ | 16) $2 + 10 = 12$ |
| 7) $10 + 10 = 20$ | 17) $8 + 10 = 18$ |
| 8) $2 + 2 = 4$ | 18) $7 + 10 = 17$ |
| 9) $3 + 1 = 4$ | 19) $6 + 2 = 8$ |
| 10) $3 + 2 = 5$ | 20) $2 + 3 = 5$ |

Halve

- | | |
|------------------|--------------------|
| 51) $14 - 7 = 7$ | 61) $16 - 8 = 8$ |
| 52) $10 - 5 = 5$ | 62) $8 - 4 = 4$ |
| 53) $14 - 7 = 7$ | 63) $6 - 3 = 3$ |
| 54) $16 - 8 = 8$ | 64) $14 - 7 = 7$ |
| 55) $18 - 9 = 9$ | 65) $20 - 10 = 10$ |
| 56) $6 - 3 = 3$ | 66) $10 - 5 = 5$ |
| 57) $12 - 6 = 6$ | 67) $6 - 3 = 3$ |
| 58) $18 - 9 = 9$ | 68) $16 - 8 = 8$ |
| 59) $16 - 8 = 8$ | 69) $18 - 9 = 9$ |
| 60) $8 - 4 = 4$ | 70) $20 - 10 = 10$ |

Difference of 0 and 10, -0 and 10

- | | |
|-------------------|-----------------|
| 21) $4 - 0 = 4$ | 26) $6 - 0 = 6$ |
| 22) $5 - 0 = 5$ | 27) $9 - 0 = 9$ |
| 23) $8 - 0 = 8$ | 28) $1 - 0 = 1$ |
| 24) $10 - 0 = 10$ | 29) $3 - 0 = 3$ |
| 25) $2 - 0 = 2$ | 30) $0 - 0 = 0$ |

Doubles missing number extensions

- | | |
|---------------------|---------------------|
| 71) $50 + 50 = 100$ | 76) $60 + 60 = 120$ |
| 72) $90 + 90 = 180$ | 77) $50 + 50 = 100$ |
| 73) $30 + 30 = 60$ | 78) $70 + 70 = 140$ |
| 74) $90 + 90 = 180$ | 79) $60 + 60 = 120$ |
| 75) $50 + 50 = 100$ | 80) $80 + 80 = 160$ |

Double

- | | |
|------------------|------------------|
| 31) $4 + 4 = 8$ | 36) $7 + 7 = 14$ |
| 32) $3 + 3 = 6$ | 37) $8 + 8 = 16$ |
| 33) $5 + 5 = 10$ | 38) $2 + 2 = 4$ |
| 34) $6 + 6 = 12$ | 39) $0 + 0 = 0$ |
| 35) $9 + 9 = 18$ | 40) $1 + 1 = 2$ |

1, 2, 3, 0, 10 missing number

- | | |
|-------------------|-------------------|
| 41) $6 + 2 = 8$ | 46) $8 + 1 = 9$ |
| 42) $4 + 3 = 7$ | 47) $5 + 10 = 15$ |
| 43) $6 + 10 = 16$ | 48) $9 + 3 = 12$ |
| 44) $7 + 2 = 9$ | 49) $0 + 5 = 5$ |
| 45) $3 + 7 = 10$ | 50) $9 + 0 = 9$ |

-1, 2, 3, 0, 10 and extensions

- | | |
|-------------------|---------------------|
| 81) $13 - 3 = 10$ | 91) $40 - 0 = 40$ |
| 82) $11 - 10 = 1$ | 92) $40 - 30 = 10$ |
| 83) $3 - 3 = 0$ | 93) $80 - 30 = 50$ |
| 84) $9 - 2 = 7$ | 94) $90 - 30 = 60$ |
| 85) $9 - 3 = 6$ | 95) $120 - 30 = 90$ |
| 86) $5 - 1 = 4$ | 96) $50 - 30 = 20$ |
| 87) $7 - 0 = 7$ | 97) $100 - 20 = 80$ |
| 88) $12 - 3 = 9$ | 98) $80 - 20 = 60$ |
| 89) $3 - 0 = 3$ | 99) $110 - 30 = 80$ |
| 90) $5 - 0 = 5$ | 100) $30 - 20 = 10$ |

This worksheet is part of the Professor Pete's Classroom eBooks "Ten Minutes a Day 2: Extended Addition & Subtraction Worksheets". This Check Up is for assessment to be given upon completion of the 6D worksheet. The teacher should record each student's score and the time taken.

Time:

Score:

Check Up D



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	------	--------	---	---	-----

Double +1

- | | |
|-----------------|-----------------|
| 1) $5 + 4 = 9$ | 6) $4 + 5 = 9$ |
| 2) $8 + 9 = 17$ | 7) $7 + 6 = 13$ |
| 3) $8 + 7 = 15$ | 8) $6 + 5 = 11$ |
| 4) $5 + 6 = 11$ | 9) $7 + 8 = 15$ |
| 5) $4 + 3 = 7$ | 10) $3 + 2 = 5$ |

Double +1 related subtraction facts

- | | |
|------------------|------------------|
| 11) $17 - 9 = 8$ | 21) $13 - 6 = 7$ |
| 12) $9 - 4 = 5$ | 22) $11 - 6 = 5$ |
| 13) $15 - 7 = 8$ | 23) $15 - 7 = 8$ |
| 14) $11 - 6 = 5$ | 24) $17 - 8 = 9$ |
| 15) $11 - 5 = 6$ | 25) $11 - 5 = 6$ |
| 16) $9 - 5 = 4$ | 26) $13 - 6 = 7$ |
| 17) $11 - 6 = 5$ | 27) $15 - 7 = 8$ |
| 18) $7 - 4 = 3$ | 28) $17 - 9 = 8$ |
| 19) $11 - 5 = 6$ | 29) $11 - 5 = 6$ |
| 20) $17 - 8 = 9$ | 30) $13 - 7 = 6$ |

Double, double +1 missing number

- | | |
|------------------|---------------------|
| 31) $6 + 6 = 12$ | 41) $70 + 80 = 150$ |
| 32) $2 + 3 = 5$ | 42) $50 + 50 = 100$ |
| 33) $4 + 4 = 8$ | 43) $80 + 80 = 160$ |
| 34) $6 + 7 = 13$ | 44) $20 + 20 = 40$ |
| 35) $5 + 6 = 11$ | 45) $50 + 60 = 110$ |
| 36) $6 + 6 = 12$ | 46) $30 + 40 = 70$ |
| 37) $6 + 7 = 13$ | 47) $90 + 90 = 180$ |
| 38) $6 + 5 = 11$ | 48) $50 + 40 = 90$ |
| 39) $5 + 4 = 9$ | 49) $40 + 50 = 90$ |
| 40) $7 + 7 = 14$ | 50) $90 + 80 = 170$ |

Difference of 9, -9

- | | |
|------------------|------------------|
| 51) $10 - 1 = 9$ | 61) $16 - 7 = 9$ |
| 52) $14 - 5 = 9$ | 62) $16 - 7 = 9$ |
| 53) $13 - 9 = 4$ | 63) $11 - 9 = 2$ |
| 54) $9 - 9 = 0$ | 64) $12 - 9 = 3$ |
| 55) $11 - 6 = 5$ | 65) $14 - 5 = 9$ |
| 56) $15 - 6 = 9$ | 66) $12 - 9 = 3$ |
| 57) $15 - 6 = 9$ | 67) $13 - 4 = 9$ |
| 58) $15 - 6 = 9$ | 68) $14 - 5 = 9$ |
| 59) $17 - 8 = 9$ | 69) $12 - 9 = 3$ |
| 60) $18 - 9 = 9$ | 70) $9 - 0 = 9$ |

+9 missing number and extensions

- | | |
|----------------------|---------------------|
| 71) $90 + 60 = 150$ | 76) $90 + 80 = 170$ |
| 72) $90 + 100 = 190$ | 77) $90 + 40 = 130$ |
| 73) $90 + 90 = 180$ | 78) $90 + 70 = 160$ |
| 74) $90 + 90 = 180$ | 79) $90 + 30 = 120$ |
| 75) $90 + 50 = 140$ | 80) $90 + 20 = 110$ |

-0, 1, 2, 3, 10 subtraction facts and extensions

- | | |
|------------------|-------------------|
| 81) $7 - 0 = 7$ | 91) $13 - 3 = 10$ |
| 82) $12 - 3 = 9$ | 92) $8 - 2 = 6$ |
| 83) $4 - 3 = 1$ | 93) $3 - 3 = 0$ |
| 84) $3 - 2 = 1$ | 94) $5 - 3 = 2$ |
| 85) $9 - 3 = 6$ | 95) $11 - 10 = 1$ |
| 86) $5 - 0 = 5$ | 96) $12 - 3 = 9$ |
| 87) $4 - 0 = 4$ | 97) $5 - 1 = 4$ |
| 88) $3 - 0 = 3$ | 98) $11 - 3 = 8$ |
| 89) $9 - 0 = 9$ | 99) $8 - 0 = 8$ |
| 90) $10 - 2 = 8$ | 100) $9 - 2 = 7$ |

This worksheet is part of the Professor Pete's Classroom eBooks "Ten Minutes a Day 2: Extended Addition & Subtraction Worksheets". This Check Up is for assessment to be given upon completion of the 8D worksheet. The teacher should record each student's score and the time taken.

Time:

Score:

Check Up E



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	------	--------	---	---	-----

+8 (near 10)

- | | |
|-------------------|------------------|
| 1) $8 + 8 = 16$ | 11) $7 + 8 = 15$ |
| 2) $7 + 8 = 15$ | 12) $2 + 8 = 10$ |
| 3) $7 + 8 = 15$ | 13) $0 + 8 = 8$ |
| 4) $8 + 8 = 16$ | 14) $1 + 8 = 9$ |
| 5) $3 + 8 = 11$ | 15) $5 + 8 = 13$ |
| 6) $4 + 8 = 12$ | 16) $3 + 8 = 11$ |
| 7) $0 + 8 = 8$ | 17) $6 + 8 = 14$ |
| 8) $2 + 8 = 10$ | 18) $9 + 8 = 17$ |
| 9) $4 + 8 = 12$ | 19) $2 + 8 = 10$ |
| 10) $10 + 8 = 18$ | 20) $1 + 8 = 9$ |

Difference of 8, -8

- | | |
|-------------------|-------------------|
| 51) $18 - 8 = 10$ | 61) $12 - 8 = 4$ |
| 52) $14 - 8 = 6$ | 62) $9 - 8 = 1$ |
| 53) $8 - 8 = 0$ | 63) $8 - 8 = 0$ |
| 54) $16 - 8 = 8$ | 64) $18 - 8 = 10$ |
| 55) $15 - 8 = 7$ | 65) $13 - 8 = 5$ |
| 56) $18 - 8 = 10$ | 66) $11 - 8 = 3$ |
| 57) $11 - 8 = 3$ | 67) $12 - 8 = 4$ |
| 58) $10 - 8 = 2$ | 68) $16 - 8 = 8$ |
| 59) $17 - 8 = 9$ | 69) $14 - 8 = 6$ |
| 60) $11 - 8 = 3$ | 70) $17 - 8 = 9$ |

Remaining subtraction facts (4+7) (5+7)

- | | |
|------------------|------------------|
| 21) $11 - 7 = 4$ | 26) $12 - 7 = 5$ |
| 22) $12 - 7 = 5$ | 27) $12 - 7 = 5$ |
| 23) $11 - 7 = 4$ | 28) $11 - 4 = 7$ |
| 24) $12 - 7 = 5$ | 29) $11 - 7 = 4$ |
| 25) $12 - 7 = 5$ | 30) $11 - 7 = 4$ |

Remaining addition facts (4+7) (5+7)

- | | |
|------------------|------------------|
| 31) $7 + 4 = 11$ | 36) $4 + 7 = 11$ |
| 32) $7 + 5 = 12$ | 37) $5 + 7 = 12$ |
| 33) $7 + 5 = 12$ | 38) $4 + 7 = 11$ |
| 34) $5 + 7 = 12$ | 39) $7 + 4 = 11$ |
| 35) $7 + 4 = 11$ | 40) $5 + 7 = 12$ |

Revision missing number

- | | |
|------------------|------------------|
| 41) $5 + 4 = 9$ | 46) $6 + 8 = 14$ |
| 42) $5 + 8 = 13$ | 47) $8 + 3 = 11$ |
| 43) $6 + 3 = 9$ | 48) $5 + 5 = 10$ |
| 44) $6 + 9 = 15$ | 49) $3 + 3 = 6$ |
| 45) $9 + 4 = 13$ | 50) $8 + 4 = 12$ |

All subtraction facts extensions

- | | |
|---------------------|----------------------|
| 71) $130 - 50 = 80$ | 86) $100 - 50 = 50$ |
| 72) $80 - 60 = 20$ | 87) $140 - 80 = 60$ |
| 73) $150 - 70 = 80$ | 88) $170 - 80 = 90$ |
| 74) $110 - 50 = 60$ | 89) $90 - 50 = 40$ |
| 75) $120 - 80 = 40$ | 90) $70 - 30 = 40$ |
| 76) $140 - 70 = 70$ | 91) $120 - 60 = 60$ |
| 77) $140 - 60 = 80$ | 92) $170 - 90 = 80$ |
| 78) $80 - 40 = 40$ | 93) $60 - 40 = 20$ |
| 79) $120 - 70 = 50$ | 94) $130 - 60 = 70$ |
| 80) $160 - 80 = 80$ | 95) $180 - 90 = 90$ |
| 81) $110 - 70 = 40$ | 96) $110 - 30 = 80$ |
| 82) $40 - 20 = 20$ | 97) $140 - 50 = 90$ |
| 83) $150 - 60 = 90$ | 98) $160 - 90 = 70$ |
| 84) $50 - 20 = 30$ | 99) $160 - 70 = 90$ |
| 85) $60 - 30 = 30$ | 100) $150 - 80 = 70$ |

This worksheet is part of the Professor Pete's Classroom eBooks "Ten Minutes a Day 2: Extended Addition & Subtraction Worksheets". This Check Up is for assessment to be given upon completion of the 10D worksheet. The teacher should record each student's score and the time taken.



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

Count on 1

- | | |
|----------------|------------------|
| 1) $1 + 1 = 2$ | 6) $8 + 1 = 9$ |
| 2) $5 + 1 = 6$ | 7) $10 + 1 = 11$ |
| 3) $3 + 1 = 4$ | 8) $7 + 1 = 8$ |
| 4) $4 + 1 = 5$ | 9) $6 + 1 = 7$ |
| 5) $2 + 1 = 3$ | 10) $9 + 1 = 10$ |

Turn arounds

- | | |
|------------------|-------------------|
| 11) $1 + 1 = 2$ | 16) $1 + 6 = 7$ |
| 12) $1 + 7 = 8$ | 17) $1 + 3 = 4$ |
| 13) $1 + 2 = 3$ | 18) $1 + 4 = 5$ |
| 14) $1 + 8 = 9$ | 19) $1 + 5 = 6$ |
| 15) $1 + 9 = 10$ | 20) $1 + 10 = 11$ |

Count back 1

- | | |
|-------------------|------------------|
| 21) $11 - 1 = 10$ | 26) $10 - 1 = 9$ |
| 22) $2 - 1 = 1$ | 27) $5 - 1 = 4$ |
| 23) $9 - 1 = 8$ | 28) $3 - 1 = 2$ |
| 24) $4 - 1 = 3$ | 29) $8 - 1 = 7$ |
| 25) $7 - 1 = 6$ | 30) $6 - 1 = 5$ |

Difference of 1, count back 1

- | | |
|-----------------|------------------|
| 31) $1 - 1 = 0$ | 36) $9 - 1 = 8$ |
| 32) $7 - 1 = 6$ | 37) $10 - 1 = 9$ |
| 33) $3 - 1 = 2$ | 38) $5 - 1 = 4$ |
| 34) $8 - 1 = 7$ | 39) $6 - 1 = 5$ |
| 35) $2 - 1 = 1$ | 40) $4 - 1 = 3$ |

Missing number, missing sum

- | | | | |
|-----------------|-------------------|-------------------|-------------------|
| 41) $4 + 1 = 5$ | 51) $8 + 1 = 9$ | 61) $1 + 8 = 9$ | 71) $1 + 1 = 2$ |
| 42) $6 + 1 = 7$ | 52) $10 + 1 = 11$ | 62) $1 + 7 = 8$ | 72) $1 + 9 = 10$ |
| 43) $2 + 1 = 3$ | 53) $4 + 1 = 5$ | 63) $1 + 6 = 7$ | 73) $1 + 4 = 5$ |
| 44) $8 + 1 = 9$ | 54) $1 + 1 = 2$ | 64) $1 + 2 = 3$ | 74) $1 + 6 = 7$ |
| 45) $2 + 1 = 3$ | 55) $5 + 1 = 6$ | 65) $1 + 5 = 6$ | 75) $1 + 2 = 3$ |
| 46) $6 + 1 = 7$ | 56) $9 + 1 = 10$ | 66) $1 + 6 = 7$ | 76) $1 + 3 = 4$ |
| 47) $1 + 1 = 2$ | 57) $3 + 1 = 4$ | 67) $1 + 9 = 10$ | 77) $1 + 10 = 11$ |
| 48) $7 + 1 = 8$ | 58) $8 + 1 = 9$ | 68) $1 + 4 = 5$ | 78) $1 + 1 = 2$ |
| 49) $6 + 1 = 7$ | 59) $9 + 1 = 10$ | 69) $1 + 10 = 11$ | 79) $1 + 8 = 9$ |
| 50) $7 + 1 = 8$ | 60) $9 + 1 = 10$ | 70) $1 + 2 = 3$ | 80) $1 + 10 = 11$ |

+1 extended to tens

- | | |
|--------------------|---------------------|
| 81) $70 + 10 = 80$ | 86) $60 + 10 = 70$ |
| 82) $50 + 10 = 60$ | 87) $10 + 30 = 40$ |
| 83) $40 + 10 = 50$ | 88) $10 + 80 = 90$ |
| 84) $20 + 10 = 30$ | 89) $10 + 90 = 100$ |
| 85) $0 + 10 = 10$ | 90) $10 + 1 = 11$ |

Difference of 1, -1 extended to tens

- | | |
|--------------------|----------------------|
| 91) $30 - 10 = 20$ | 96) $40 - 30 = 10$ |
| 92) $90 - 80 = 10$ | 97) $80 - 70 = 10$ |
| 93) $50 - 10 = 40$ | 98) $60 - 10 = 50$ |
| 94) $20 - 10 = 10$ | 99) $10 - 10 = 0$ |
| 95) $70 - 60 = 10$ | 100) $100 - 90 = 10$ |

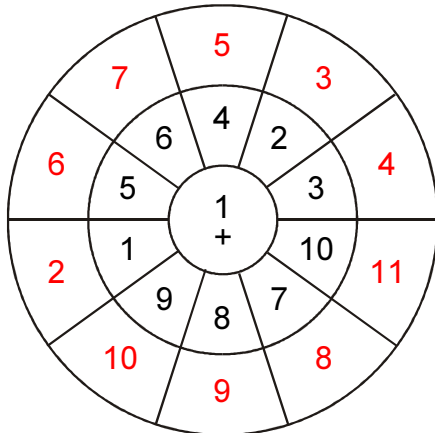
This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Plus/take 1 facts are taught using a COUNT ON/COUNT BACK strategy: Students who are familiar with the sequence of counting numbers can mentally "count on" or "count back" to the next number, and name it.



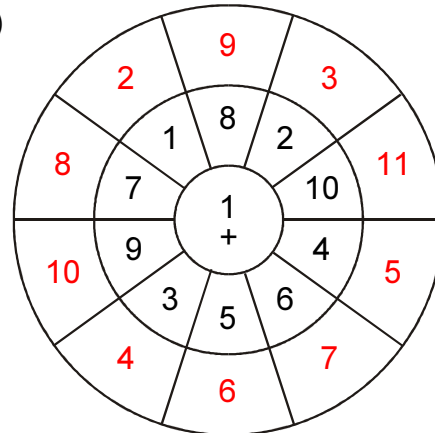
This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Completing the wheels help your child remember their numbers facts with daily practice.

+1 Addition wheels

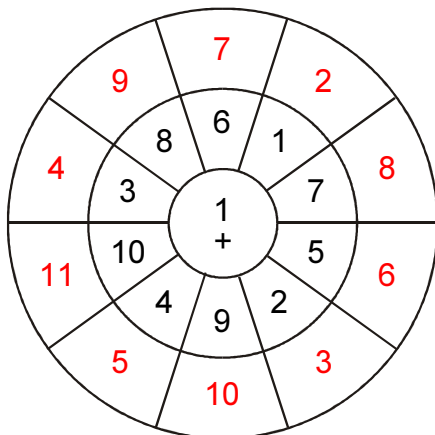
1)



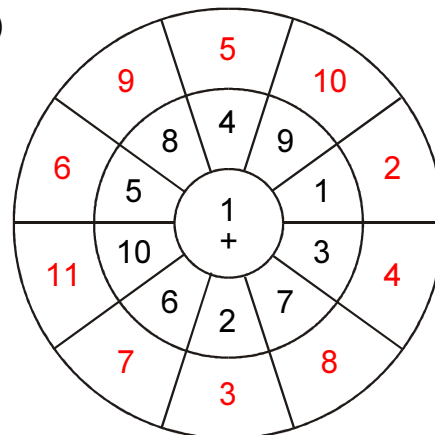
2)



3)

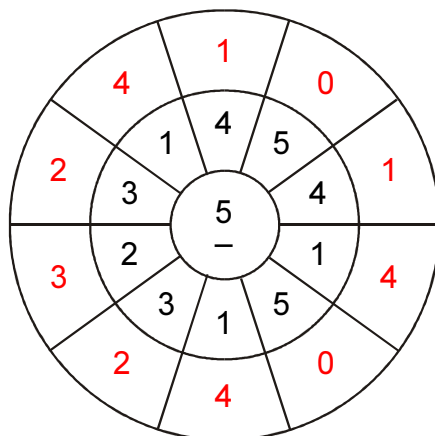


4)



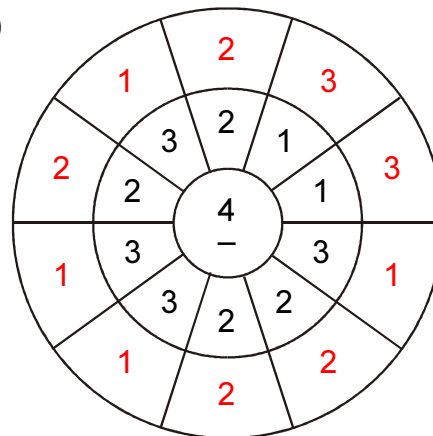
5 – Subtraction wheel

5)



4 – Subtraction wheel

6)





$\bar{+}$ 1 **2** 3 Rnbw 0&10 Dble Dble+1 9 8 All

Count on 2

- | | |
|------------------------------|------------------------------|
| 1) $8 + 2 = \underline{10}$ | 11) $7 + 2 = \underline{9}$ |
| 2) $6 + 2 = \underline{8}$ | 12) $9 + 2 = \underline{11}$ |
| 3) $4 + 2 = \underline{6}$ | 13) $1 + 2 = \underline{3}$ |
| 4) $10 + 2 = \underline{12}$ | 14) $5 + 2 = \underline{7}$ |
| 5) $2 + 2 = \underline{4}$ | 15) $3 + 2 = \underline{5}$ |
| 6) $5 + 2 = \underline{7}$ | 16) $3 + 2 = \underline{5}$ |
| 7) $2 + 2 = \underline{4}$ | 17) $8 + 2 = \underline{10}$ |
| 8) $7 + 2 = \underline{9}$ | 18) $6 + 2 = \underline{8}$ |
| 9) $4 + 2 = \underline{6}$ | 19) $1 + 2 = \underline{3}$ |
| 10) $5 + 2 = \underline{7}$ | 20) $6 + 2 = \underline{8}$ |

Turn arounds

- | | |
|------------------------------|-------------------------------|
| 21) $2 + 5 = \underline{7}$ | 26) $2 + 9 = \underline{11}$ |
| 22) $2 + 7 = \underline{9}$ | 27) $2 + 4 = \underline{6}$ |
| 23) $2 + 8 = \underline{10}$ | 28) $2 + 10 = \underline{12}$ |
| 24) $2 + 1 = \underline{3}$ | 29) $2 + 3 = \underline{5}$ |
| 25) $2 + 6 = \underline{8}$ | 30) $2 + 2 = \underline{4}$ |

Count back 2

- | | |
|------------------------------|-------------------------------|
| 31) $9 - 2 = \underline{7}$ | 36) $5 - 2 = \underline{3}$ |
| 32) $7 - 2 = \underline{5}$ | 37) $3 - 2 = \underline{1}$ |
| 33) $6 - 2 = \underline{4}$ | 38) $10 - 2 = \underline{8}$ |
| 34) $4 - 2 = \underline{2}$ | 39) $8 - 2 = \underline{6}$ |
| 35) $11 - 2 = \underline{9}$ | 40) $12 - 2 = \underline{10}$ |

Difference of 2, count back 2

- | | |
|------------------------------|-----------------------------|
| 41) $10 - 8 = \underline{2}$ | 51) $9 - 7 = \underline{2}$ |
| 42) $7 - 5 = \underline{2}$ | 52) $3 - 1 = \underline{2}$ |
| 43) $6 - 2 = \underline{4}$ | 53) $4 - 2 = \underline{2}$ |
| 44) $8 - 6 = \underline{2}$ | 54) $5 - 2 = \underline{3}$ |
| 45) $4 - 2 = \underline{2}$ | 55) $7 - 5 = \underline{2}$ |
| 46) $6 - 4 = \underline{2}$ | 56) $7 - 2 = \underline{5}$ |
| 47) $8 - 2 = \underline{6}$ | 57) $5 - 3 = \underline{2}$ |
| 48) $8 - 6 = \underline{2}$ | 58) $3 - 2 = \underline{1}$ |
| 49) $6 - 2 = \underline{4}$ | 59) $3 - 1 = \underline{2}$ |
| 50) $6 - 4 = \underline{2}$ | 60) $9 - 2 = \underline{7}$ |

Missing number, missing sum

- | | | | |
|-------------------------------|-----------------------------|------------------------------|-------------------------------|
| 61) $\underline{1} + 2 = 3$ | 66) $5 + \underline{2} = 7$ | 71) $\underline{2} + 8 = 10$ | 76) $1 + \underline{9} = 10$ |
| 62) $10 + 1 = \underline{11}$ | 67) $4 + 2 = \underline{6}$ | 72) $1 + 2 = \underline{3}$ | 77) $1 + 7 = \underline{8}$ |
| 63) $\underline{5} + 1 = 6$ | 68) $2 + 2 = \underline{4}$ | 73) $\underline{1} + 3 = 4$ | 78) $1 + 8 = \underline{9}$ |
| 64) $\underline{9} + 2 = 11$ | 69) $8 + \underline{1} = 9$ | 74) $\underline{1} + 4 = 5$ | 79) $2 + \underline{10} = 12$ |
| 65) $8 + \underline{2} = 10$ | 70) $\underline{3} + 2 = 5$ | 75) $2 + \underline{1} = 3$ | 80) $\underline{1} + 6 = 7$ |

+2 extended to tens

- | | |
|---------------------------------|---------------------------------|
| 81) $80 + 20 = \underline{100}$ | 86) $90 + 20 = \underline{110}$ |
| 82) $50 + 20 = \underline{70}$ | 87) $10 + 20 = \underline{30}$ |
| 83) $40 + 20 = \underline{60}$ | 88) $10 + 20 = \underline{30}$ |
| 84) $70 + 20 = \underline{90}$ | 89) $20 + 20 = \underline{40}$ |
| 85) $30 + 20 = \underline{50}$ | 90) $60 + 20 = \underline{80}$ |

Difference of 2, -2 extended to tens

- | | |
|---------------------------------|----------------------------------|
| 91) $30 - 20 = \underline{10}$ | 96) $40 - 20 = \underline{20}$ |
| 92) $70 - 50 = \underline{20}$ | 97) $50 - 20 = \underline{30}$ |
| 93) $110 - 20 = \underline{90}$ | 98) $120 - 20 = \underline{100}$ |
| 94) $100 - 80 = \underline{20}$ | 99) $90 - 20 = \underline{70}$ |
| 95) $60 - 20 = \underline{40}$ | 100) $80 - 60 = \underline{20}$ |

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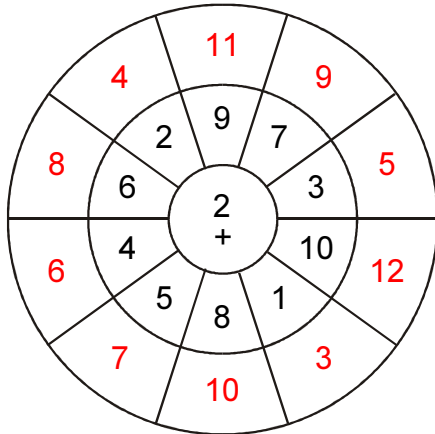


÷ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

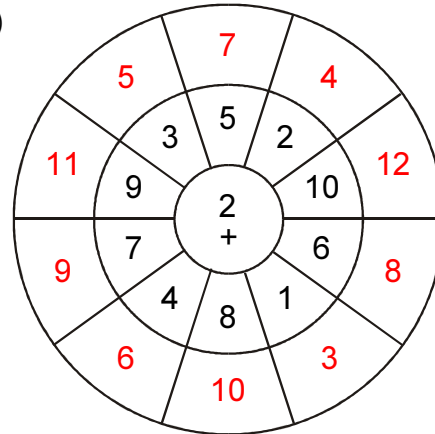
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+2 Addition wheels

1)

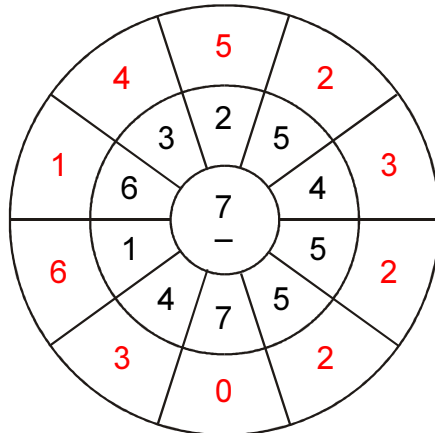


2)



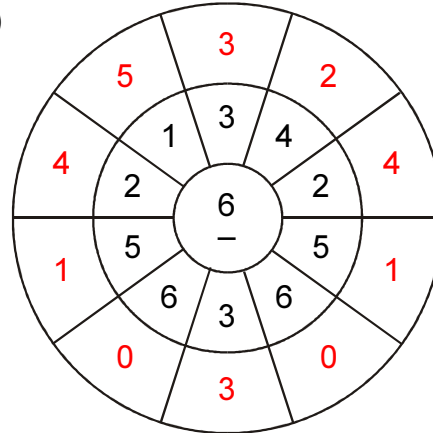
7 – Subtraction wheel

3)



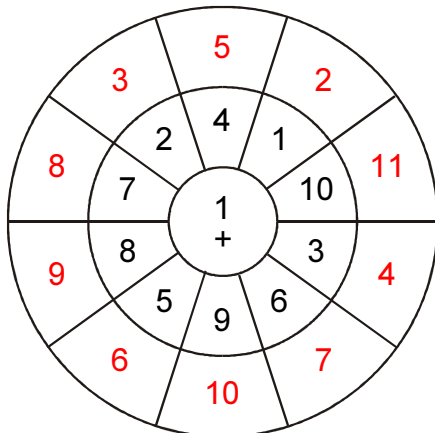
6 – Subtraction wheel

4)

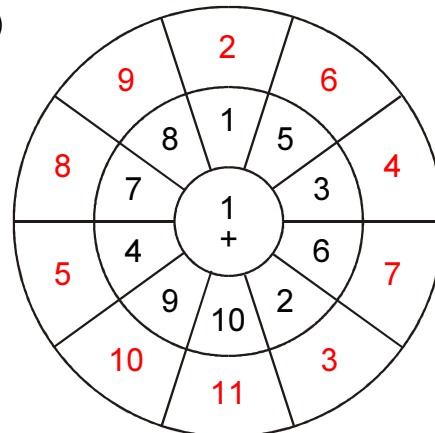


Addition revision

5)



6)





+ 1 2 **3** Rnbw 0&10 Dble Dble+1 9 8 All

Count on 3

- | | |
|-----------------|-------------------|
| 1) $7 + 3 = 10$ | 11) $6 + 3 = 9$ |
| 2) $2 + 3 = 5$ | 12) $10 + 3 = 13$ |
| 3) $7 + 3 = 10$ | 13) $4 + 3 = 7$ |
| 4) $8 + 3 = 11$ | 14) $10 + 3 = 13$ |
| 5) $3 + 3 = 6$ | 15) $9 + 3 = 12$ |
| 6) $4 + 3 = 7$ | 16) $5 + 3 = 8$ |
| 7) $8 + 3 = 11$ | 17) $5 + 3 = 8$ |
| 8) $1 + 3 = 4$ | 18) $10 + 3 = 13$ |
| 9) $2 + 3 = 5$ | 19) $7 + 3 = 10$ |
| 10) $6 + 3 = 9$ | 20) $8 + 3 = 11$ |

Turn arounds

- | | |
|-------------------|------------------|
| 21) $3 + 3 = 6$ | 26) $3 + 7 = 10$ |
| 22) $3 + 1 = 4$ | 27) $3 + 5 = 8$ |
| 23) $3 + 8 = 11$ | 28) $3 + 6 = 9$ |
| 24) $3 + 10 = 13$ | 29) $3 + 9 = 12$ |
| 25) $3 + 4 = 7$ | 30) $3 + 2 = 5$ |

Missing number, missing sum

- | | |
|------------------|-------------------|
| 61) $8 + 2 = 10$ | 66) $9 + 2 = 11$ |
| 62) $2 + 3 = 5$ | 67) $10 + 3 = 13$ |
| 63) $3 + 2 = 5$ | 68) $6 + 2 = 8$ |
| 64) $1 + 3 = 4$ | 69) $7 + 3 = 10$ |
| 65) $2 + 2 = 4$ | 70) $1 + 2 = 3$ |

+3 extended to tens

- | | |
|---------------------|---------------------|
| 81) $10 + 30 = 40$ | 86) $40 + 30 = 70$ |
| 82) $30 + 50 = 80$ | 87) $30 + 30 = 60$ |
| 83) $80 + 30 = 110$ | 88) $30 + 20 = 50$ |
| 84) $90 + 30 = 120$ | 89) $90 + 30 = 120$ |
| 85) $30 + 80 = 110$ | 90) $70 + 30 = 100$ |

Count back 3

- | | |
|------------------|------------------|
| 31) $9 - 3 = 6$ | 36) $7 - 3 = 4$ |
| 32) $8 - 3 = 5$ | 37) $4 - 3 = 1$ |
| 33) $10 - 3 = 7$ | 38) $9 - 3 = 6$ |
| 34) $5 - 3 = 2$ | 39) $11 - 3 = 8$ |
| 35) $12 - 3 = 9$ | 40) $6 - 3 = 3$ |

Difference of 3, count back 3

- | | |
|------------------|-------------------|
| 41) $12 - 3 = 9$ | 51) $11 - 2 = 9$ |
| 42) $8 - 5 = 3$ | 52) $9 - 3 = 6$ |
| 43) $8 - 5 = 3$ | 53) $6 - 3 = 3$ |
| 44) $11 - 8 = 3$ | 54) $12 - 9 = 3$ |
| 45) $4 - 1 = 3$ | 55) $13 - 10 = 3$ |
| 46) $7 - 3 = 4$ | 56) $9 - 6 = 3$ |
| 47) $10 - 7 = 3$ | 57) $7 - 4 = 3$ |
| 48) $10 - 3 = 7$ | 58) $5 - 2 = 3$ |
| 49) $10 - 7 = 3$ | 59) $6 - 3 = 3$ |
| 50) $11 - 8 = 3$ | 60) $10 - 7 = 3$ |

Difference of 3, -3 extended to tens

- | | |
|----------------------|---------------------|
| 91) $80 - 50 = 30$ | 96) $60 - 30 = 30$ |
| 92) $50 - 20 = 30$ | 97) $30 - 30 = 0$ |
| 93) $70 - 40 = 30$ | 98) $120 - 30 = 90$ |
| 94) $130 - 30 = 100$ | 99) $110 - 30 = 80$ |
| 95) $100 - 70 = 30$ | 100) $90 - 30 = 60$ |

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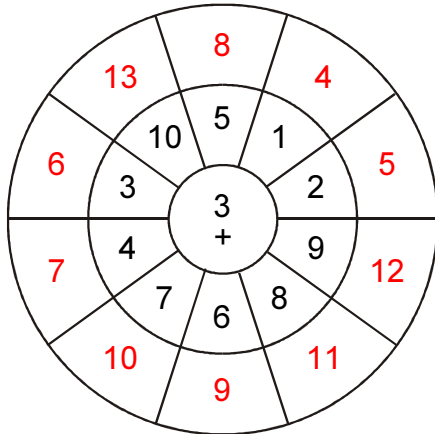


$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

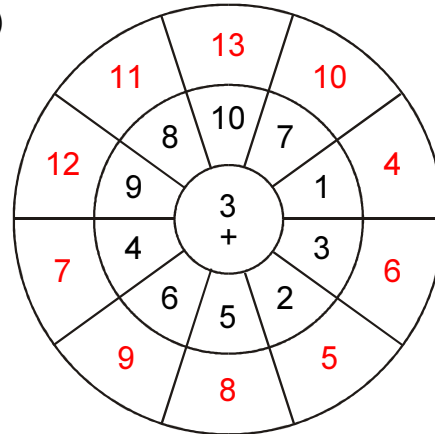
This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Completing the wheels help your child remember their numbers facts with daily practice.

+3 Addition wheels

1)

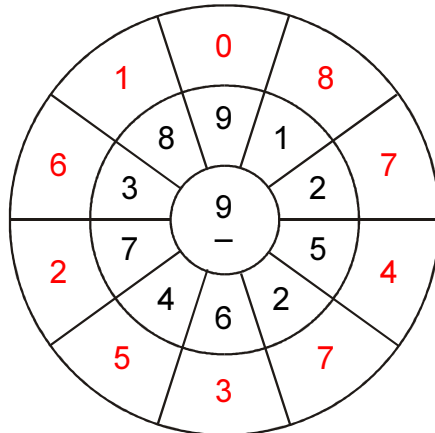


2)



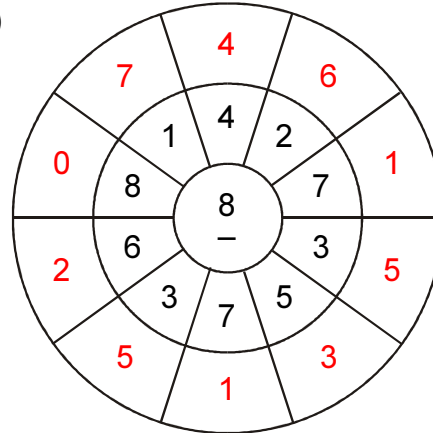
9 – Subtraction wheel

3)



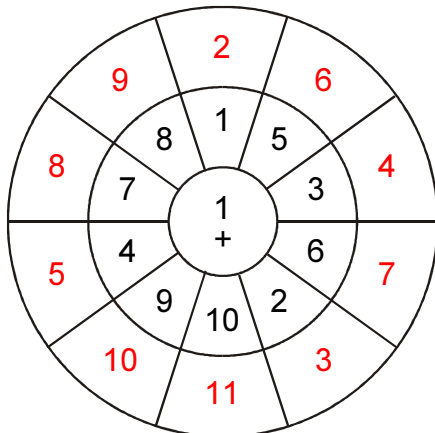
8 – Subtraction wheel

4)

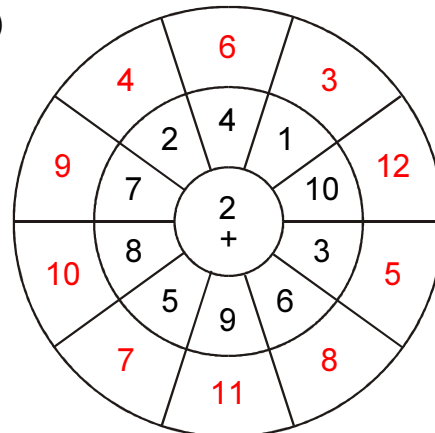


Addition revision

5)



6)



Homework

Rainbow Facts: 4 [A]



$\bar{+}$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----------	---	---	---	------	------	------	--------	---	---	-----

Rainbow facts

- | | |
|-----------------|------------------|
| 1) $9 + 1 = 10$ | 6) $10 + 0 = 10$ |
| 2) $5 + 5 = 10$ | 7) $7 + 3 = 10$ |
| 3) $4 + 6 = 10$ | 8) $3 + 7 = 10$ |
| 4) $6 + 4 = 10$ | 9) $8 + 2 = 10$ |
| 5) $1 + 9 = 10$ | 10) $2 + 8 = 10$ |

Subtraction rainbow extended facts

- | | |
|---------------------|---------------------|
| 11) $100 - 30 = 70$ | 21) $100 - 70 = 30$ |
| 12) $100 - 20 = 80$ | 22) $100 - 60 = 40$ |
| 13) $100 - 40 = 60$ | 23) $100 - 90 = 10$ |
| 14) $100 - 10 = 90$ | 24) $100 - 50 = 50$ |
| 15) $100 - 80 = 20$ | 25) $100 - 100 = 0$ |
| 16) $100 - 30 = 70$ | 26) $100 - 90 = 10$ |
| 17) $100 - 40 = 60$ | 27) $100 - 60 = 40$ |
| 18) $100 - 60 = 40$ | 28) $100 - 50 = 50$ |
| 19) $100 - 40 = 60$ | 29) $100 - 20 = 80$ |
| 20) $100 - 60 = 40$ | 30) $100 - 90 = 10$ |

Subtraction rainbow facts

- | | |
|-------------------|------------------|
| 31) $10 - 7 = 3$ | 41) $10 - 6 = 4$ |
| 32) $10 - 10 = 0$ | 42) $10 - 4 = 6$ |
| 33) $10 - 3 = 7$ | 43) $10 - 9 = 1$ |
| 34) $10 - 1 = 9$ | 44) $10 - 5 = 5$ |
| 35) $10 - 8 = 2$ | 45) $10 - 2 = 8$ |
| 36) $10 - 8 = 2$ | 46) $10 - 7 = 3$ |
| 37) $10 - 5 = 5$ | 47) $10 - 7 = 3$ |
| 38) $10 - 3 = 7$ | 48) $10 - 4 = 6$ |
| 39) $10 - 1 = 9$ | 49) $10 - 2 = 8$ |
| 40) $10 - 1 = 9$ | 50) $10 - 3 = 7$ |

Rainbow missing number, extended

- | | |
|---------------------|---------------------|
| 51) $20 + 80 = 100$ | 56) $60 + 40 = 100$ |
| 52) $90 + 10 = 100$ | 57) $100 + 0 = 100$ |
| 53) $70 + 30 = 100$ | 58) $50 + 50 = 100$ |
| 54) $40 + 60 = 100$ | 59) $30 + 70 = 100$ |
| 55) $10 + 90 = 100$ | 60) $80 + 20 = 100$ |

Rainbow missing number, missing sum

- | | | | |
|------------------|-------------------|------------------|-------------------|
| 61) $2 + 8 = 10$ | 66) $6 + 4 = 10$ | 71) $6 + 4 = 10$ | 76) $0 + 10 = 10$ |
| 62) $9 + 1 = 10$ | 67) $10 + 0 = 10$ | 72) $5 + 5 = 10$ | 77) $2 + 8 = 10$ |
| 63) $7 + 3 = 10$ | 68) $5 + 5 = 10$ | 73) $3 + 7 = 10$ | 78) $1 + 9 = 10$ |
| 64) $4 + 6 = 10$ | 69) $3 + 7 = 10$ | 74) $7 + 3 = 10$ | 79) $4 + 6 = 10$ |
| 65) $1 + 9 = 10$ | 70) $8 + 2 = 10$ | 75) $8 + 2 = 10$ | 80) $2 + 8 = 10$ |

Revision

- | | | | |
|------------------|-------------------|-------------------|-------------------|
| 81) $3 + 2 = 5$ | 86) $1 + 3 = 4$ | 91) $10 + 2 = 12$ | 96) $6 + 2 = 8$ |
| 82) $2 + 8 = 10$ | 87) $3 + 5 = 8$ | 92) $8 + 3 = 11$ | 97) $10 + 3 = 13$ |
| 83) $1 + 1 = 2$ | 88) $2 + 4 = 6$ | 93) $4 + 2 = 6$ | 98) $10 + 1 = 11$ |
| 84) $3 + 8 = 11$ | 89) $2 + 3 = 5$ | 94) $6 + 1 = 7$ | 99) $7 + 3 = 10$ |
| 85) $1 + 9 = 10$ | 90) $2 + 10 = 12$ | 95) $4 + 1 = 5$ | 100) $9 + 2 = 11$ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Rainbow facts are taught using a PAIRS TO TEN strategy: The sum of each pair of terms is 10. Pairs to ten are foundational for many other mathematical skills, such as giving change.

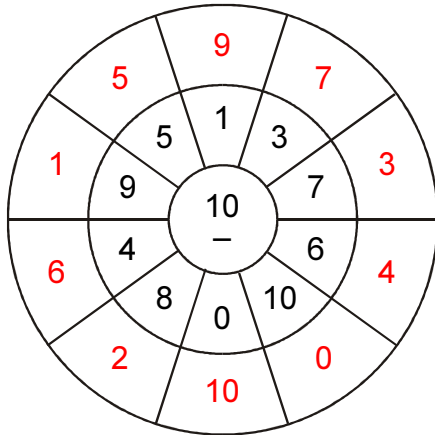


$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

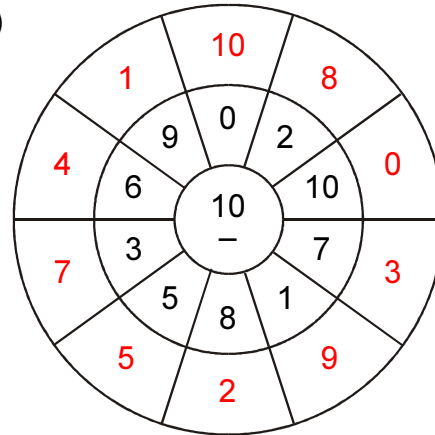
This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Completing the wheels help your child remember their numbers facts with daily practice.

Pairs to ten wheels

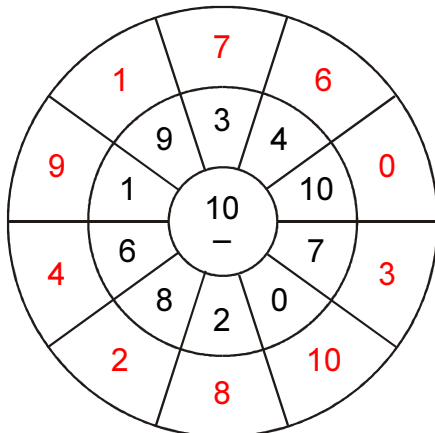
1)



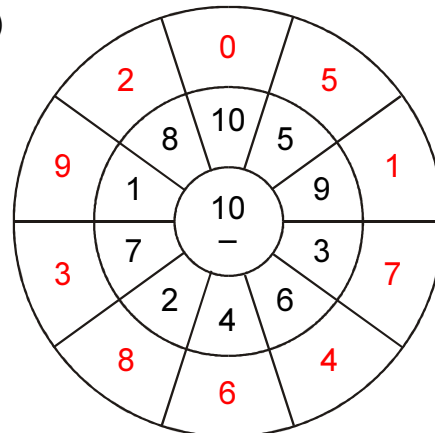
2)



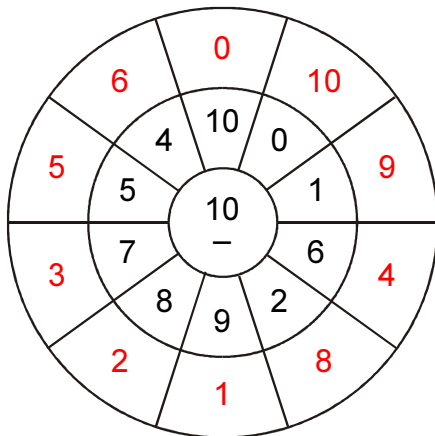
3)



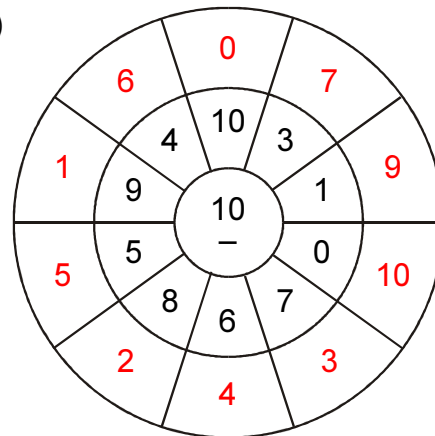
4)



5)



6)



Homework

+/- 0 & 10: 5 [A]



$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	--------	---	---	-----

Add 0 & 10

- | | |
|------------------|------------------|
| 1) $3 + 0 = 3$ | 6) $7 + 10 = 17$ |
| 2) $3 + 10 = 13$ | 7) $8 + 0 = 8$ |
| 3) $9 + 0 = 9$ | 8) $9 + 10 = 19$ |
| 4) $8 + 10 = 18$ | 9) $10 + 0 = 10$ |
| 5) $6 + 10 = 16$ | 10) $7 + 0 = 7$ |

Take 0

- | | |
|-----------------|-----------------|
| 31) $9 - 0 = 9$ | 36) $7 - 0 = 7$ |
| 32) $0 - 0 = 0$ | 37) $2 - 0 = 2$ |
| 33) $1 - 0 = 1$ | 38) $8 - 0 = 8$ |
| 34) $6 - 0 = 6$ | 39) $3 - 0 = 3$ |
| 35) $5 - 0 = 5$ | 40) $4 - 0 = 4$ |

Turn around facts

- | | |
|---------------------|-------------------|
| 11) $10 + 3 = 13$ | 21) $10 + 2 = 12$ |
| 12) $10 + 7 = 17$ | 22) $0 + 0 = 0$ |
| 13) $0 + 10 = 10$ | 23) $10 + 6 = 16$ |
| 14) $0 + 8 = 8$ | 24) $0 + 3 = 3$ |
| 15) $10 + 1 = 11$ | 25) $0 + 6 = 6$ |
| 16) $100 + 0 = 100$ | 26) $0 + 4 = 4$ |
| 17) $0 + 70 = 70$ | 27) $0 + 1 = 1$ |
| 18) $10 + 10 = 20$ | 28) $0 + 5 = 5$ |
| 19) $10 + 8 = 18$ | 29) $0 + 2 = 2$ |
| 20) $10 + 4 = 14$ | 30) $10 + 5 = 15$ |

Take 10 and 100

- | | |
|-------------------|----------------------|
| 41) $10 - 10 = 0$ | 46) $150 - 100 = 50$ |
| 42) $11 - 10 = 1$ | 47) $190 - 100 = 90$ |
| 43) $13 - 10 = 3$ | 48) $170 - 100 = 70$ |
| 44) $18 - 10 = 8$ | 49) $140 - 100 = 40$ |
| 45) $16 - 10 = 6$ | 50) $120 - 100 = 20$ |

Difference of 0, 10 and 100

- | | |
|-------------------|----------------------|
| 51) $13 - 3 = 10$ | 56) $170 - 70 = 100$ |
| 52) $10 - 10 = 0$ | 57) $110 - 10 = 100$ |
| 53) $19 - 9 = 10$ | 58) $40 - 40 = 0$ |
| 54) $18 - 8 = 10$ | 59) $60 - 60 = 0$ |
| 55) $2 - 2 = 0$ | 60) $150 - 50 = 100$ |

Rainbow missing number, missing sum

- | | | | |
|------------------|-------------------|------------------|-------------------|
| 61) $2 + 8 = 10$ | 66) $6 + 4 = 10$ | 71) $6 + 4 = 10$ | 76) $0 + 10 = 10$ |
| 62) $9 + 1 = 10$ | 67) $10 + 0 = 10$ | 72) $5 + 5 = 10$ | 77) $2 + 8 = 10$ |
| 63) $7 + 3 = 10$ | 68) $5 + 5 = 10$ | 73) $3 + 7 = 10$ | 78) $1 + 9 = 10$ |
| 64) $4 + 6 = 10$ | 69) $3 + 7 = 10$ | 74) $7 + 3 = 10$ | 79) $4 + 6 = 10$ |
| 65) $1 + 9 = 10$ | 70) $8 + 2 = 10$ | 75) $8 + 2 = 10$ | 80) $2 + 8 = 10$ |

Revision +3 extended to tens

- | | |
|---------------------|---------------------|
| 81) $30 + 30 = 60$ | 86) $40 + 30 = 70$ |
| 82) $90 + 30 = 120$ | 87) $90 + 30 = 120$ |
| 83) $70 + 30 = 100$ | 88) $80 + 30 = 110$ |
| 84) $30 + 20 = 50$ | 89) $30 + 80 = 110$ |
| 85) $10 + 30 = 40$ | 90) $30 + 50 = 80$ |

Revision difference of 3, -3 extended to tens

- | | |
|----------------------|---------------------|
| 91) $110 - 30 = 80$ | 96) $90 - 30 = 60$ |
| 92) $60 - 30 = 30$ | 97) $80 - 50 = 30$ |
| 93) $30 - 30 = 0$ | 98) $70 - 40 = 30$ |
| 94) $120 - 30 = 90$ | 99) $100 - 70 = 30$ |
| 95) $130 - 30 = 100$ | 100) $50 - 30 = 20$ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Plus 0 and plus 10 facts are SPECIAL CASES. The number zero is the "additive/subtractive identity", meaning that another number is unchanged by the action of adding/taking zero. Adding ten to a single digit number results in the associated teen number which has one ten and the single digit number of ones; most pairs of a single digit number and the associated teen number sound similar (eg, "six" and "sixteen"). This can be illustrated easily with a pair of ten frames.

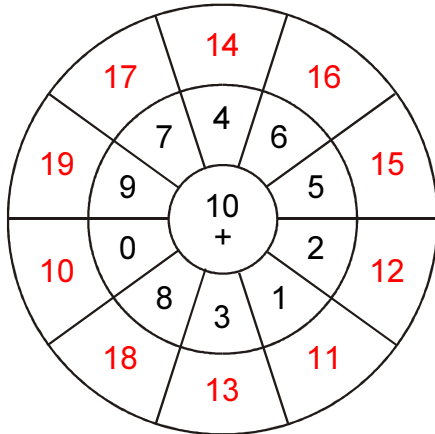


÷ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

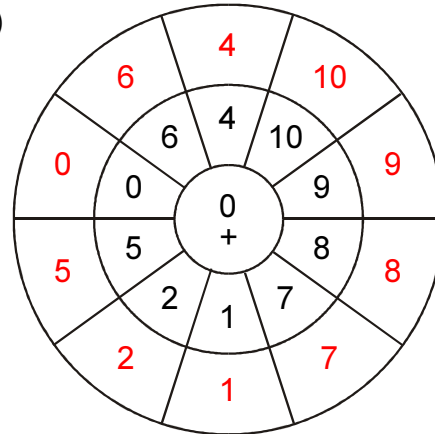
This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Completing the wheels help your child remember their numbers facts with daily practice.

+10, +0 Addition wheels

1)

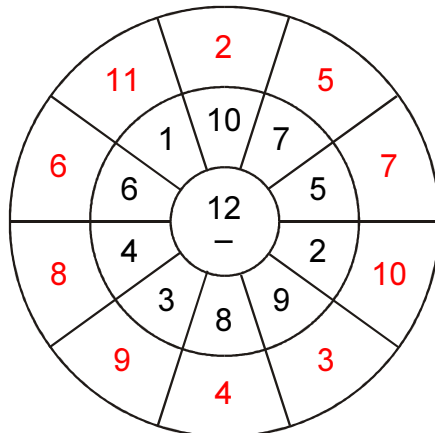


2)



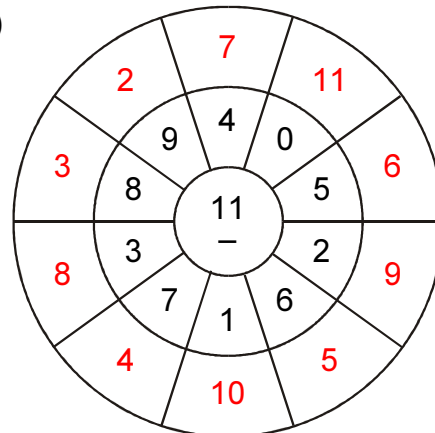
12 – Subtraction wheel

3)



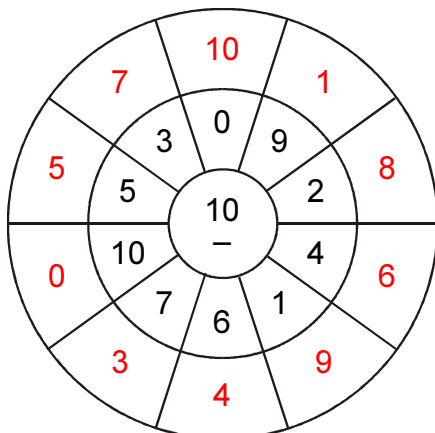
11 – Subtraction wheel

4)

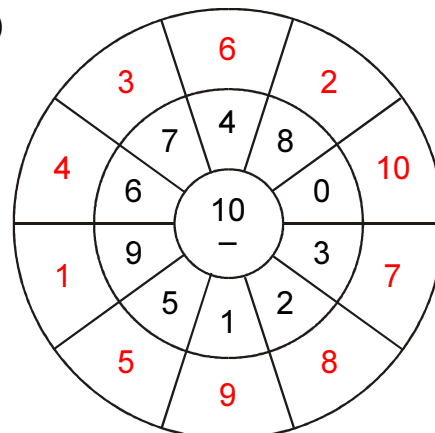


Pairs to ten rainbow wheels

5)



6)





÷ 1 2 3 Rnbw 0&10 **Dble** Dble+1 9 8 All

Double

- | | |
|-------------------|------------------|
| 1) $2 + 2 = 4$ | 11) $9 + 9 = 18$ |
| 2) $7 + 7 = 14$ | 12) $5 + 5 = 10$ |
| 3) $6 + 6 = 12$ | 13) $7 + 7 = 14$ |
| 4) $1 + 1 = 2$ | 14) $4 + 4 = 8$ |
| 5) $1 + 1 = 2$ | 15) $5 + 5 = 10$ |
| 6) $0 + 0 = 0$ | 16) $6 + 6 = 12$ |
| 7) $5 + 5 = 10$ | 17) $7 + 7 = 14$ |
| 8) $9 + 9 = 18$ | 18) $8 + 8 = 16$ |
| 9) $10 + 10 = 20$ | 19) $9 + 9 = 18$ |
| 10) $6 + 6 = 12$ | 20) $3 + 3 = 6$ |

Missing number

- | | |
|------------------|------------------|
| 41) $3 + 3 = 6$ | 51) $7 + 7 = 14$ |
| 42) $4 + 4 = 8$ | 52) $5 + 5 = 10$ |
| 43) $7 + 7 = 14$ | 53) $4 + 4 = 8$ |
| 44) $9 + 9 = 18$ | 54) $8 + 8 = 16$ |
| 45) $6 + 6 = 12$ | 55) $7 + 7 = 14$ |
| 46) $6 + 6 = 12$ | 56) $5 + 5 = 10$ |
| 47) $5 + 5 = 10$ | 57) $4 + 6 = 10$ |
| 48) $2 + 2 = 4$ | 58) $9 + 9 = 18$ |
| 49) $3 + 3 = 6$ | 59) $8 + 8 = 16$ |
| 50) $6 + 6 = 12$ | 60) $6 + 6 = 12$ |

Halving

- | | |
|--------------------|------------------|
| 21) $16 - 8 = 8$ | 31) $8 - 4 = 4$ |
| 22) $12 - 6 = 6$ | 32) $12 - 6 = 6$ |
| 23) $10 - 5 = 5$ | 33) $10 - 5 = 5$ |
| 24) $8 - 4 = 4$ | 34) $16 - 8 = 8$ |
| 25) $20 - 10 = 10$ | 35) $18 - 9 = 9$ |
| 26) $2 - 1 = 1$ | 36) $4 - 2 = 2$ |
| 27) $6 - 3 = 3$ | 37) $12 - 6 = 6$ |
| 28) $20 - 10 = 10$ | 38) $14 - 7 = 7$ |
| 29) $18 - 9 = 9$ | 39) $2 - 1 = 1$ |
| 30) $16 - 8 = 8$ | 40) $14 - 7 = 7$ |

Missing number and extensions

- | | |
|---------------------|---------------------|
| 61) $70 + 70 = 140$ | 71) $60 + 60 = 120$ |
| 62) $60 + 60 = 120$ | 72) $40 + 40 = 80$ |
| 63) $40 + 40 = 80$ | 73) $90 + 90 = 180$ |
| 64) $20 + 20 = 40$ | 74) $50 + 50 = 100$ |
| 65) $90 + 90 = 180$ | 75) $30 + 30 = 60$ |
| 66) $50 + 50 = 100$ | 76) $60 + 60 = 120$ |
| 67) $70 + 70 = 140$ | 77) $30 + 30 = 60$ |
| 68) $80 + 80 = 160$ | 78) $50 + 50 = 100$ |
| 69) $70 + 70 = 140$ | 79) $40 + 40 = 80$ |
| 70) $80 + 80 = 160$ | 80) $60 + 60 = 120$ |

Addition revision

- | | |
|-------------------|------------------|
| 81) $3 + 7 = 10$ | 86) $3 + 8 = 11$ |
| 82) $2 + 4 = 6$ | 87) $1 + 4 = 5$ |
| 83) $7 + 7 = 14$ | 88) $2 + 7 = 9$ |
| 84) $3 + 5 = 8$ | 89) $9 + 9 = 18$ |
| 85) $10 + 7 = 17$ | 90) $8 + 8 = 16$ |

Rainbow missing number

- | | |
|------------------|-------------------|
| 91) $6 + 4 = 10$ | 96) $1 + 9 = 10$ |
| 92) $5 + 5 = 10$ | 97) $7 + 3 = 10$ |
| 93) $2 + 8 = 10$ | 98) $8 + 2 = 10$ |
| 94) $4 + 6 = 10$ | 99) $0 + 10 = 10$ |
| 95) $3 + 7 = 10$ | 100) $9 + 1 = 10$ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Doubles addition and subtraction number facts are taught using a DOUBLING/HALVING strategy, connecting to everyday situations in which numbers are doubled, or one half of a double is subtracted.

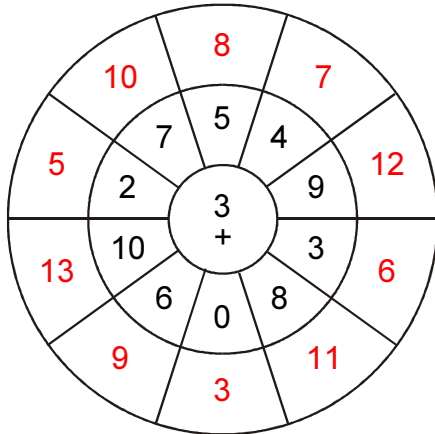


÷ 1 2 3 Rnbw 0&10 **Dble** Dble+1 9 8 All

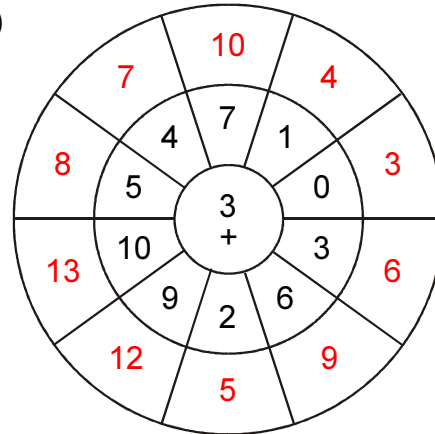
This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Completing the wheels help your child remember their numbers facts with daily practice.

Revision addition wheels

1)

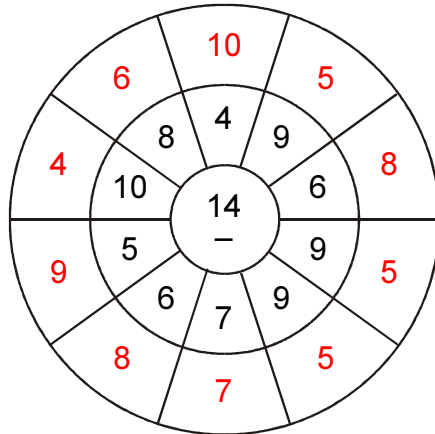


2)



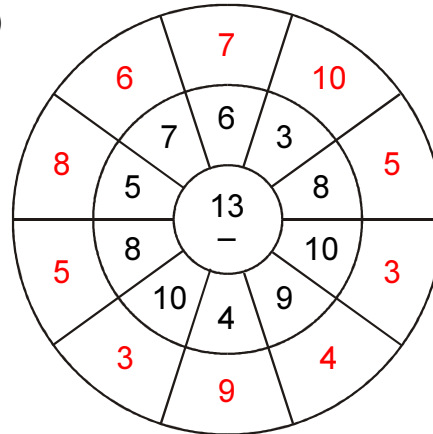
14 – Subtraction wheel

3)



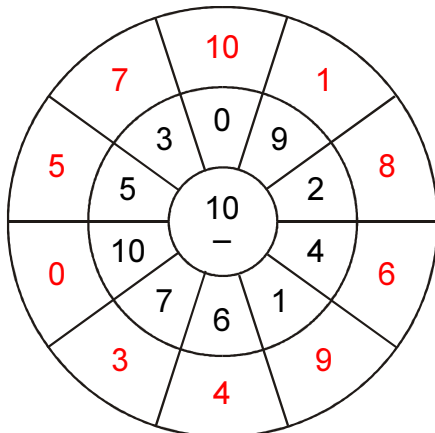
13 – Subtraction wheel

4)

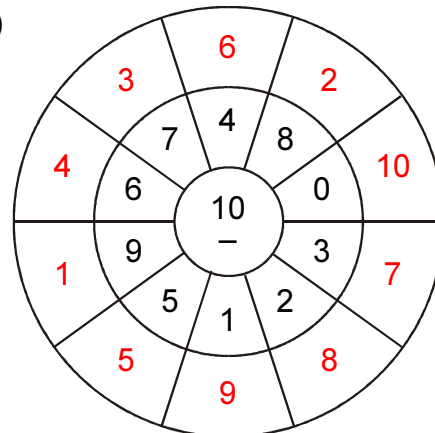


Pairs to ten rainbow wheels

5)



6)





$\mp$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-------	---	---	---	------	------	------	---------------	---	---	-----

Doubles +1

- | | |
|------------------|-------------------|
| 1) $6 + 7 = 13$ | 11) $5 + 5 = 10$ |
| 2) $7 + 8 = 15$ | 12) $4 + 5 = 9$ |
| 3) $9 + 9 = 18$ | 13) $8 + 9 = 17$ |
| 4) $3 + 3 = 6$ | 14) $4 + 4 = 8$ |
| 5) $2 + 2 = 4$ | 15) $3 + 4 = 7$ |
| 6) $8 + 8 = 16$ | 16) $5 + 6 = 11$ |
| 7) $2 + 3 = 5$ | 17) $5 + 6 = 11$ |
| 8) $5 + 5 = 10$ | 18) $7 + 7 = 14$ |
| 9) $8 + 9 = 17$ | 19) $8 + 8 = 16$ |
| 10) $6 + 6 = 12$ | 20) $9 + 10 = 19$ |

Related to doubles +1

- | | |
|------------------|------------------|
| 41) $16 - 8 = 8$ | 51) $11 - 5 = 6$ |
| 42) $8 - 4 = 4$ | 52) $15 - 7 = 8$ |
| 43) $17 - 8 = 9$ | 53) $14 - 7 = 7$ |
| 44) $6 - 3 = 3$ | 54) $14 - 7 = 7$ |
| 45) $11 - 5 = 6$ | 55) $9 - 4 = 5$ |
| 46) $10 - 5 = 5$ | 56) $13 - 6 = 7$ |
| 47) $8 - 4 = 4$ | 57) $10 - 5 = 5$ |
| 48) $9 - 4 = 5$ | 58) $15 - 7 = 8$ |
| 49) $9 - 4 = 5$ | 59) $8 - 4 = 4$ |
| 50) $8 - 4 = 4$ | 60) $7 - 3 = 4$ |

Turn arounds and extensions

- | | |
|-------------------|---------------------|
| 21) $9 + 9 = 18$ | 31) $40 + 40 = 80$ |
| 22) $7 + 6 = 13$ | 32) $80 + 70 = 150$ |
| 23) $2 + 2 = 4$ | 33) $30 + 30 = 60$ |
| 24) $6 + 6 = 12$ | 34) $50 + 50 = 100$ |
| 25) $7 + 7 = 14$ | 35) $80 + 70 = 150$ |
| 26) $7 + 6 = 13$ | 36) $90 + 80 = 170$ |
| 27) $6 + 5 = 11$ | 37) $40 + 30 = 70$ |
| 28) $10 + 9 = 19$ | 38) $30 + 20 = 50$ |
| 29) $8 + 8 = 16$ | 39) $60 + 60 = 120$ |
| 30) $7 + 7 = 14$ | 40) $50 + 40 = 90$ |

Turn arounds and extensions

- | | |
|------------------|---------------------|
| 61) $8 - 4 = 4$ | 71) $80 - 40 = 40$ |
| 62) $6 - 3 = 3$ | 72) $160 - 80 = 80$ |
| 63) $13 - 6 = 7$ | 73) $170 - 90 = 80$ |
| 64) $12 - 6 = 6$ | 74) $110 - 50 = 60$ |
| 65) $11 - 5 = 6$ | 75) $80 - 40 = 40$ |
| 66) $7 - 3 = 4$ | 76) $90 - 50 = 40$ |
| 67) $14 - 7 = 7$ | 77) $90 - 40 = 50$ |
| 68) $14 - 7 = 7$ | 78) $100 - 50 = 50$ |
| 69) $15 - 7 = 8$ | 79) $90 - 40 = 50$ |
| 70) $15 - 7 = 8$ | 80) $100 - 60 = 40$ |

Doubles +1 extensions

- | | | | |
|---------------------|---------------------|---------------------|----------------------|
| 81) $50 + 60 = 110$ | 86) $70 + 80 = 150$ | 91) $40 + 50 = 90$ | 96) $80 + 70 = 150$ |
| 82) $60 + 50 = 110$ | 87) $40 + 30 = 70$ | 92) $50 + 60 = 110$ | 97) $70 + 60 = 130$ |
| 83) $80 + 70 = 150$ | 88) $30 + 20 = 50$ | 93) $80 + 90 = 170$ | 98) $60 + 50 = 110$ |
| 84) $40 + 50 = 90$ | 89) $80 + 90 = 170$ | 94) $40 + 30 = 70$ | 99) $30 + 40 = 70$ |
| 85) $50 + 40 = 90$ | 90) $70 + 60 = 130$ | 95) $50 + 40 = 90$ | 100) $70 + 80 = 150$ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Doubles +1 number facts are taught using a THINK OF DOUBLES strategy: once doubles are memorized, any double plus one fact is easily found by counting on one more. Doubles plus one facts are recognized by the pairing of two numbers that are consecutive counting numbers, their sum equalling double the smaller number plus one more.

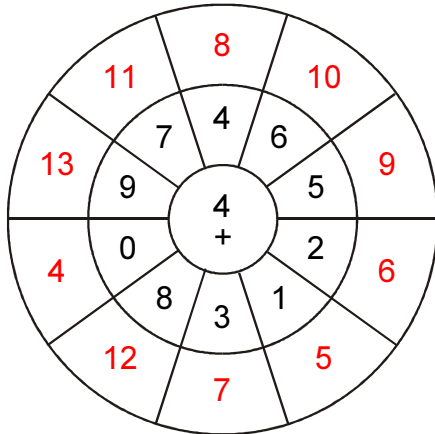


÷ 1 2 3 Rnbw 0&10 Dble **Dble+1** 9 8 All

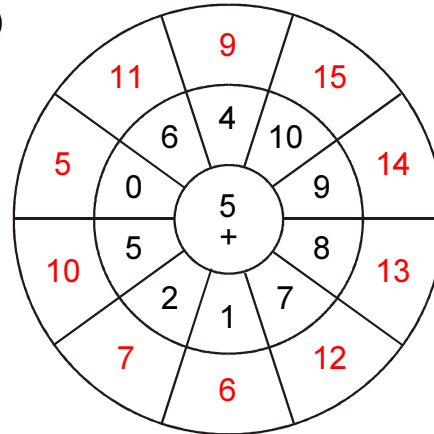
This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Completing the wheels help your child remember their numbers facts with daily practice.

+4, +5 Addition Wheels

1)

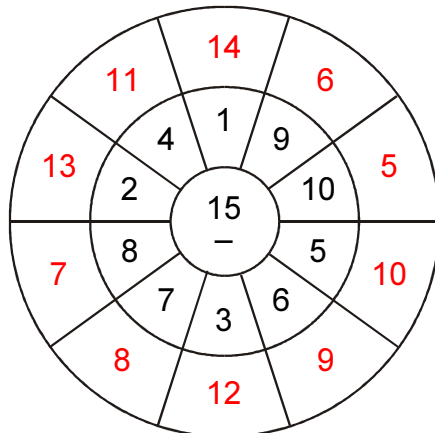


2)



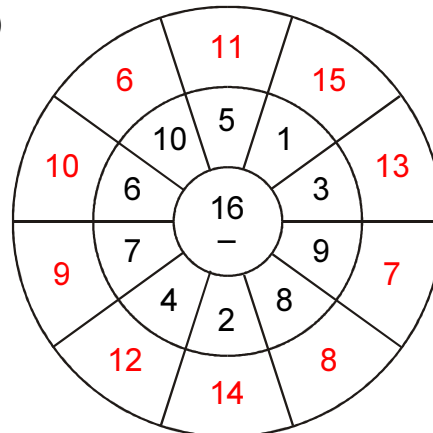
15 – Subtraction wheel

3)



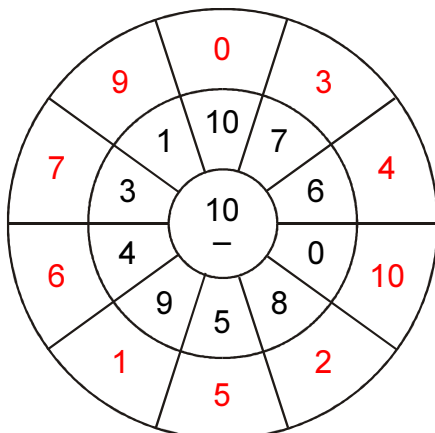
16 – Subtraction wheel

4)

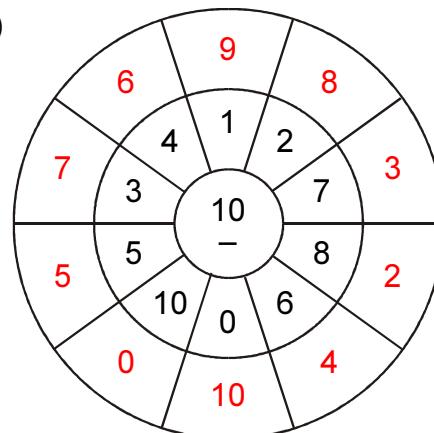


Pairs to ten rainbow wheels

5)



6)



Homework

+/- 9 Near 10: 8 [A]



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

+9

- | | |
|------------------|-------------------|
| 1) $5 + 9 = 14$ | 11) $7 + 9 = 16$ |
| 2) $8 + 9 = 17$ | 12) $10 + 9 = 19$ |
| 3) $7 + 9 = 16$ | 13) $4 + 9 = 13$ |
| 4) $3 + 9 = 12$ | 14) $0 + 9 = 9$ |
| 5) $1 + 9 = 10$ | 15) $9 + 9 = 18$ |
| 6) $6 + 9 = 15$ | 16) $3 + 9 = 12$ |
| 7) $2 + 9 = 11$ | 17) $3 + 9 = 12$ |
| 8) $8 + 9 = 17$ | 18) $3 + 9 = 12$ |
| 9) $1 + 9 = 10$ | 19) $0 + 9 = 9$ |
| 10) $7 + 9 = 16$ | 20) $0 + 9 = 9$ |

+9 Turn arounds and extensions

- | | |
|-------------------|----------------------|
| 21) $9 + 4 = 13$ | 31) $90 + 100 = 190$ |
| 22) $9 + 6 = 15$ | 32) $90 + 30 = 120$ |
| 23) $9 + 7 = 16$ | 33) $90 + 90 = 180$ |
| 24) $9 + 1 = 10$ | 34) $90 + 20 = 110$ |
| 25) $9 + 4 = 13$ | 35) $90 + 10 = 100$ |
| 26) $9 + 2 = 11$ | 36) $90 + 40 = 130$ |
| 27) $9 + 10 = 19$ | 37) $90 + 50 = 140$ |
| 28) $9 + 2 = 11$ | 38) $90 + 40 = 130$ |
| 29) $9 + 8 = 17$ | 39) $90 + 40 = 130$ |
| 30) $9 + 4 = 13$ | 40) $90 + 0 = 90$ |

+9 extended

- | | |
|---------------------|---------------------|
| 81) $90 + 70 = 160$ | 86) $90 + 30 = 120$ |
| 82) $90 + 60 = 150$ | 87) $90 + 40 = 130$ |
| 83) $90 + 50 = 140$ | 88) $90 + 90 = 180$ |
| 84) $90 + 60 = 150$ | 89) $90 + 80 = 170$ |
| 85) $90 + 40 = 130$ | 90) $90 + 20 = 110$ |

Difference of 9, -9 and extensions

- | | |
|------------------|---------------------|
| 41) $10 - 9 = 1$ | 61) $100 - 10 = 90$ |
| 42) $16 - 7 = 9$ | 62) $100 - 90 = 10$ |
| 43) $11 - 2 = 9$ | 63) $150 - 90 = 60$ |
| 44) $15 - 6 = 9$ | 64) $170 - 80 = 90$ |
| 45) $12 - 3 = 9$ | 65) $140 - 50 = 90$ |
| 46) $17 - 8 = 9$ | 66) $160 - 90 = 70$ |
| 47) $13 - 9 = 4$ | 67) $90 - 90 = 0$ |
| 48) $16 - 9 = 7$ | 68) $120 - 90 = 30$ |
| 49) $18 - 9 = 9$ | 69) $130 - 40 = 90$ |
| 50) $13 - 4 = 9$ | 70) $110 - 90 = 20$ |
| 51) $17 - 8 = 9$ | 71) $130 - 90 = 40$ |
| 52) $13 - 9 = 4$ | 72) $150 - 60 = 90$ |
| 53) $10 - 1 = 9$ | 73) $90 - 90 = 0$ |
| 54) $16 - 7 = 9$ | 74) $140 - 50 = 90$ |
| 55) $16 - 7 = 9$ | 75) $90 - 90 = 0$ |
| 56) $12 - 9 = 3$ | 76) $150 - 60 = 90$ |
| 57) $13 - 4 = 9$ | 77) $180 - 90 = 90$ |
| 58) $11 - 9 = 2$ | 78) $130 - 90 = 40$ |
| 59) $14 - 5 = 9$ | 79) $160 - 90 = 70$ |
| 60) $16 - 7 = 9$ | 80) $140 - 90 = 50$ |

+9 extended missing number

- | | |
|---------------------|----------------------|
| 91) $10 + 90 = 100$ | 96) $20 + 90 = 110$ |
| 92) $50 + 90 = 140$ | 97) $80 + 90 = 170$ |
| 93) $70 + 90 = 160$ | 98) $40 + 90 = 130$ |
| 94) $10 + 90 = 100$ | 99) $30 + 90 = 120$ |
| 95) $60 + 90 = 150$ | 100) $90 + 90 = 180$ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets".

The recommended teaching sequence is shown in the bar at the top of this sheet. Plus 9 number facts are taught using a NEAR TEN strategy: encourage students to think of adding ten, then subtracting one. Minus 9 facts are similar, encourage students to think of taking ten, then adding one. The difference of 9 requires students to think of taking the ones from the teen number, then adding one more. Ten frames are excellent for explaining these facts.

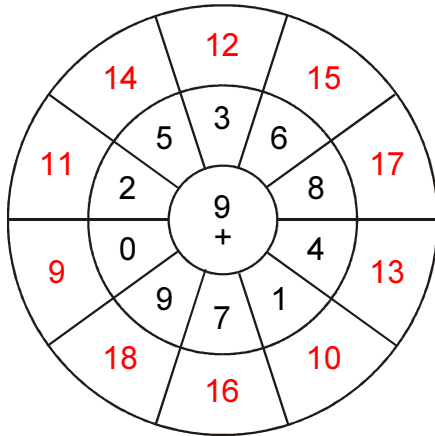


÷ 1 2 3 Rnbw 0&10 Dble Dble+1 **9** 8 All

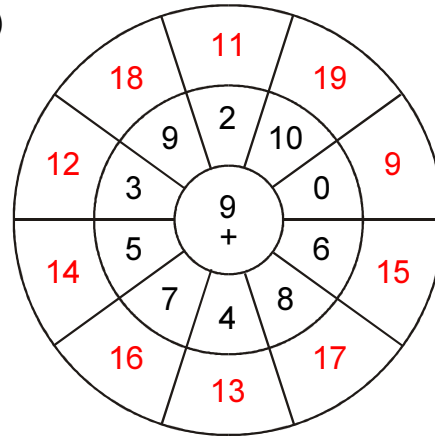
This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Completing the wheels help your child remember their numbers facts with daily practice.

+9 Addition wheels

1)

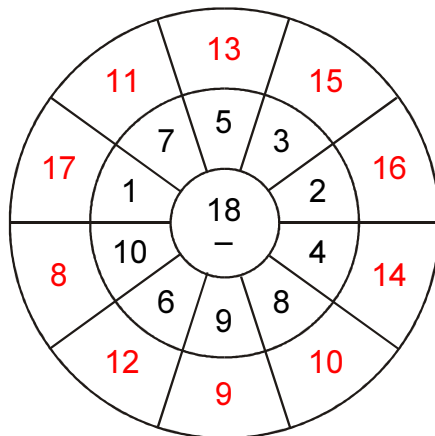


2)



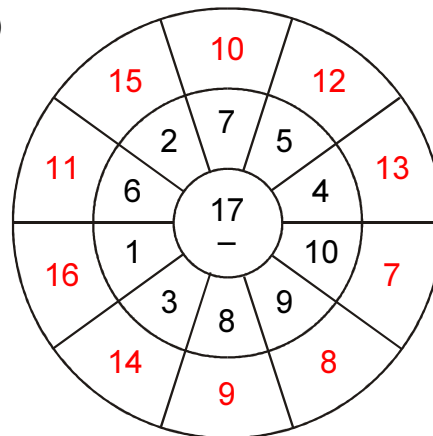
18 – Subtraction wheel

3)



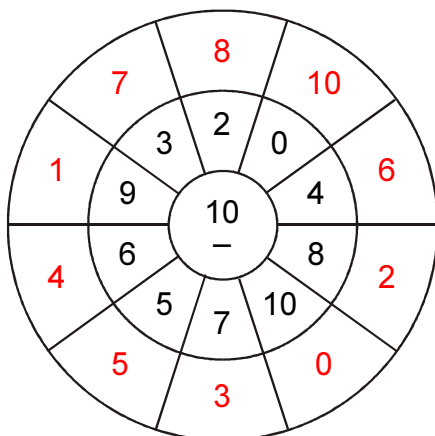
17 – Subtraction wheel

4)

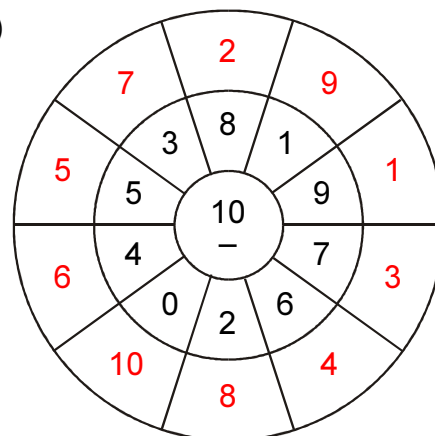


Pairs to Ten Rainbow Wheels

5)



6)



Homework

+/- 8 Near 10: 9 [A]



+	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
---	---	---	---	------	------	------	--------	---	---	-----

+8 (near 10)

- | | |
|------------------|-------------------|
| 1) $6 + 8 = 14$ | 11) $0 + 8 = 8$ |
| 2) $4 + 8 = 12$ | 12) $2 + 8 = 10$ |
| 3) $8 + 8 = 16$ | 13) $2 + 8 = 10$ |
| 4) $5 + 8 = 13$ | 14) $3 + 8 = 11$ |
| 5) $4 + 8 = 12$ | 15) $9 + 8 = 17$ |
| 6) $7 + 8 = 15$ | 16) $7 + 8 = 15$ |
| 7) $3 + 8 = 11$ | 17) $1 + 8 = 9$ |
| 8) $1 + 8 = 9$ | 18) $10 + 8 = 18$ |
| 9) $8 + 8 = 16$ | 19) $0 + 8 = 8$ |
| 10) $2 + 8 = 10$ | 20) $7 + 8 = 15$ |

Turn arounds

- | | |
|------------------|------------------|
| 21) $8 + 3 = 11$ | 31) $8 + 9 = 17$ |
| 22) $8 + 6 = 14$ | 32) $8 + 8 = 16$ |
| 23) $8 + 7 = 15$ | 33) $8 + 6 = 14$ |
| 24) $8 + 6 = 14$ | 34) $8 + 5 = 13$ |
| 25) $8 + 5 = 13$ | 35) $8 + 5 = 13$ |
| 26) $8 + 1 = 9$ | 36) $8 + 6 = 14$ |
| 27) $8 + 9 = 17$ | 37) $8 + 2 = 10$ |
| 28) $8 + 4 = 12$ | 38) $8 + 3 = 11$ |
| 29) $8 + 3 = 11$ | 39) $8 + 5 = 13$ |
| 30) $8 + 7 = 15$ | 40) $8 + 3 = 11$ |

+8 extended

- | | |
|----------------------|---------------------|
| 81) $10 + 80 = 90$ | 86) $20 + 80 = 100$ |
| 82) $100 + 80 = 180$ | 87) $80 + 80 = 160$ |
| 83) $30 + 80 = 110$ | 88) $60 + 80 = 140$ |
| 84) $70 + 80 = 150$ | 89) $40 + 80 = 120$ |
| 85) $90 + 80 = 170$ | 90) $50 + 80 = 130$ |

Difference of 8, -8

- | | |
|------------------|-------------------|
| 41) $15 - 7 = 8$ | 61) $10 - 8 = 2$ |
| 42) $17 - 8 = 9$ | 62) $13 - 5 = 8$ |
| 43) $13 - 5 = 8$ | 63) $14 - 8 = 6$ |
| 44) $11 - 3 = 8$ | 64) $10 - 2 = 8$ |
| 45) $12 - 4 = 8$ | 65) $15 - 8 = 7$ |
| 46) $8 - 8 = 0$ | 66) $16 - 8 = 8$ |
| 47) $15 - 7 = 8$ | 67) $9 - 8 = 1$ |
| 48) $16 - 8 = 8$ | 68) $10 - 2 = 8$ |
| 49) $14 - 8 = 6$ | 69) $8 - 8 = 0$ |
| 50) $12 - 4 = 8$ | 70) $17 - 9 = 8$ |
| 51) $12 - 8 = 4$ | 71) $13 - 5 = 8$ |
| 52) $16 - 8 = 8$ | 72) $11 - 8 = 3$ |
| 53) $12 - 4 = 8$ | 73) $9 - 1 = 8$ |
| 54) $15 - 8 = 7$ | 74) $18 - 10 = 8$ |
| 55) $8 - 8 = 0$ | 75) $10 - 2 = 8$ |
| 56) $8 - 0 = 8$ | 76) $17 - 9 = 8$ |
| 57) $9 - 8 = 1$ | 77) $13 - 5 = 8$ |
| 58) $12 - 4 = 8$ | 78) $11 - 3 = 8$ |
| 59) $13 - 5 = 8$ | 79) $11 - 8 = 3$ |
| 60) $14 - 8 = 6$ | 80) $10 - 8 = 2$ |

+8 extended missing number

- | | |
|----------------------|---------------------|
| 91) $90 + 80 = 170$ | 96) $70 + 80 = 150$ |
| 92) $20 + 80 = 100$ | 97) $80 + 80 = 160$ |
| 93) $100 + 80 = 180$ | 98) $40 + 80 = 120$ |
| 94) $30 + 80 = 110$ | 99) $60 + 80 = 140$ |
| 95) $50 + 80 = 130$ | 100) $10 + 80 = 90$ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Plus 8 number facts are taught using a NEAR TEN strategy: encourage students to think of adding ten, then subtracting two. Minus 8 facts are similar, encourage students to think of taking ten, then adding two. The difference of 8 requires students to think of taking the ones from the teen number, then adding two more. Ten frames are excellent for explaining these facts.

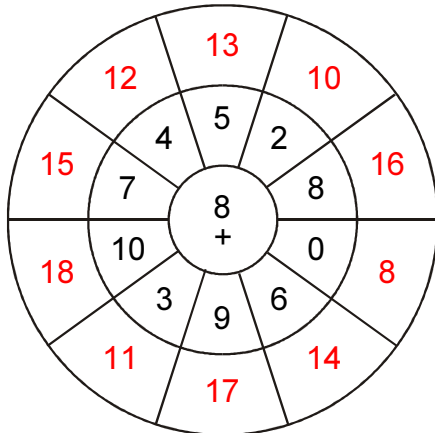


÷ 1 2 3 Rnbw 0&10 Dble Dble+1 9 **8** All

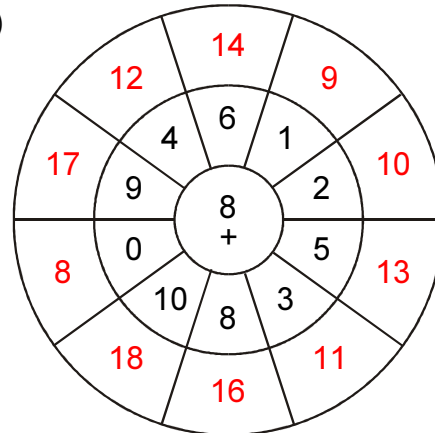
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+8 Addition wheels

1)

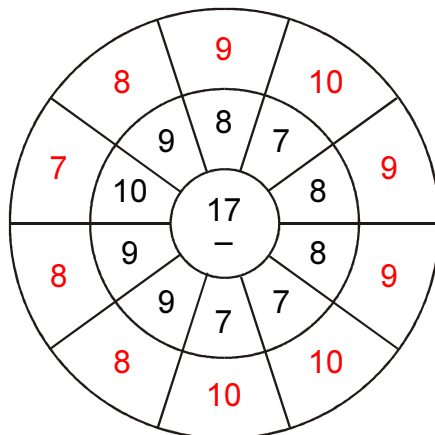


2)



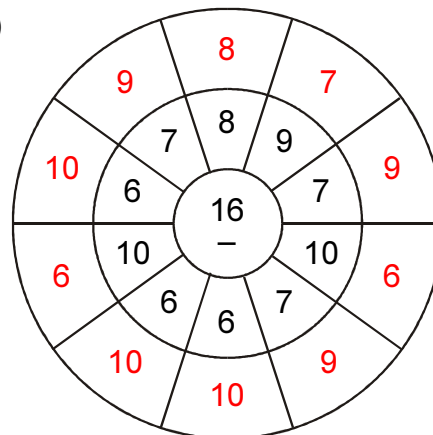
17 – Subtraction wheel

3)



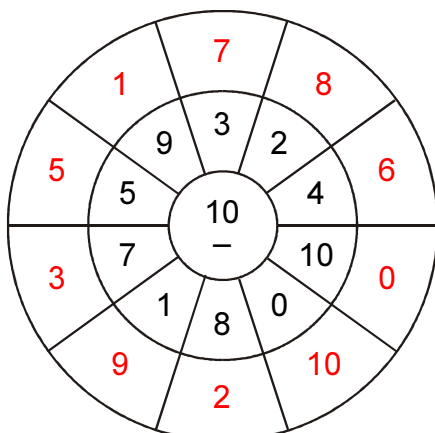
16 – Subtraction wheel

4)

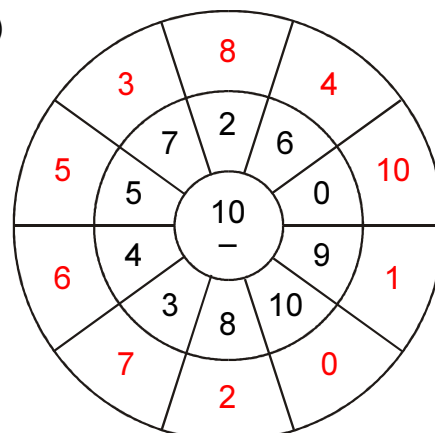


Pairs to ten rainbow wheels

5)



6)



Homework

Remaining Facts & Revision: 10 [A]



$\div$	1	2	3	Rnbw	0&10	Dble	Dble+1	9	8	All
--------	---	---	---	------	------	------	--------	---	---	-----

Remaining addition facts (4+7) (5+7)

- | | |
|-----------------|------------------|
| 1) $5 + 7 = 12$ | 6) $7 + 5 = 12$ |
| 2) $7 + 5 = 12$ | 7) $4 + 7 = 11$ |
| 3) $7 + 4 = 11$ | 8) $7 + 4 = 11$ |
| 4) $7 + 4 = 11$ | 9) $5 + 7 = 12$ |
| 5) $5 + 7 = 12$ | 10) $4 + 7 = 11$ |

Related remaining subtraction facts

- | | |
|------------------|------------------|
| 11) $11 - 7 = 4$ | 16) $11 - 7 = 4$ |
| 12) $12 - 7 = 5$ | 17) $12 - 7 = 5$ |
| 13) $12 - 7 = 5$ | 18) $11 - 7 = 4$ |
| 14) $11 - 7 = 4$ | 19) $11 - 7 = 4$ |
| 15) $12 - 7 = 5$ | 20) $11 - 7 = 4$ |

Missing addend revision

- | | |
|-------------------|-------------------|
| 21) $7 + 5 = 12$ | 36) $7 + 9 = 16$ |
| 22) $6 + 10 = 16$ | 37) $6 + 4 = 10$ |
| 23) $3 + 4 = 7$ | 38) $3 + 6 = 9$ |
| 24) $4 + 9 = 13$ | 39) $8 + 6 = 14$ |
| 25) $4 + 5 = 9$ | 40) $9 + 4 = 13$ |
| 26) $4 + 4 = 8$ | 41) $5 + 5 = 10$ |
| 27) $3 + 2 = 5$ | 42) $9 + 8 = 17$ |
| 28) $4 + 7 = 11$ | 43) $7 + 8 = 15$ |
| 29) $3 + 5 = 8$ | 44) $5 + 7 = 12$ |
| 30) $8 + 7 = 15$ | 45) $5 + 8 = 13$ |
| 31) $7 + 10 = 17$ | 46) $3 + 10 = 13$ |
| 32) $4 + 2 = 6$ | 47) $7 + 4 = 11$ |
| 33) $3 + 7 = 10$ | 48) $6 + 9 = 15$ |
| 34) $6 + 3 = 9$ | 49) $6 + 7 = 13$ |
| 35) $7 + 2 = 9$ | 50) $7 + 3 = 10$ |

Addition revision

- | | |
|------------------|------------------|
| 51) $7 + 6 = 13$ | 66) $6 + 4 = 10$ |
| 52) $4 + 8 = 12$ | 67) $8 + 4 = 12$ |
| 53) $6 + 6 = 12$ | 68) $6 + 5 = 11$ |
| 54) $6 + 7 = 13$ | 69) $9 + 4 = 13$ |
| 55) $7 + 5 = 12$ | 70) $5 + 9 = 14$ |
| 56) $9 + 5 = 14$ | 71) $8 + 9 = 17$ |
| 57) $6 + 9 = 15$ | 72) $5 + 6 = 11$ |
| 58) $2 + 7 = 9$ | 73) $5 + 5 = 10$ |
| 59) $4 + 4 = 8$ | 74) $3 + 6 = 9$ |
| 60) $9 + 7 = 16$ | 75) $3 + 4 = 7$ |
| 61) $2 + 8 = 10$ | 76) $3 + 9 = 12$ |
| 62) $9 + 9 = 18$ | 77) $3 + 5 = 8$ |
| 63) $3 + 8 = 11$ | 78) $5 + 4 = 9$ |
| 64) $4 + 9 = 13$ | 79) $9 + 6 = 15$ |
| 65) $2 + 5 = 7$ | 80) $8 + 5 = 13$ |

Subtraction extended revision

- | | |
|---------------------|----------------------|
| 81) $150 - 60 = 90$ | 91) $130 - 60 = 70$ |
| 82) $110 - 50 = 60$ | 92) $120 - 30 = 90$ |
| 83) $150 - 70 = 80$ | 93) $130 - 70 = 60$ |
| 84) $60 - 20 = 40$ | 94) $180 - 90 = 90$ |
| 85) $120 - 50 = 70$ | 95) $90 - 30 = 60$ |
| 86) $110 - 40 = 70$ | 96) $170 - 80 = 90$ |
| 87) $100 - 30 = 70$ | 97) $60 - 40 = 20$ |
| 88) $150 - 60 = 90$ | 98) $80 - 50 = 30$ |
| 89) $110 - 80 = 30$ | 99) $150 - 90 = 60$ |
| 90) $150 - 70 = 80$ | 100) $130 - 50 = 80$ |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 2: Addition & Subtraction Extended Worksheets". Once the previous recommended strategies have been learned, there are just two pairs of addition facts which remain: 7+4 and 7+5, and their turnaround facts. These facts can be learned as special cases, and students can be encouraged to think of related facts that help to memorize them. For example, 7+4 is just one more than the rainbow fact 7+3. A pair of ten frames can be used to illustrate 7+5, which will show that this sum is the same as double five plus two, or 12. The remainder of this worksheet includes revision of all strategies from previous worksheet sets.

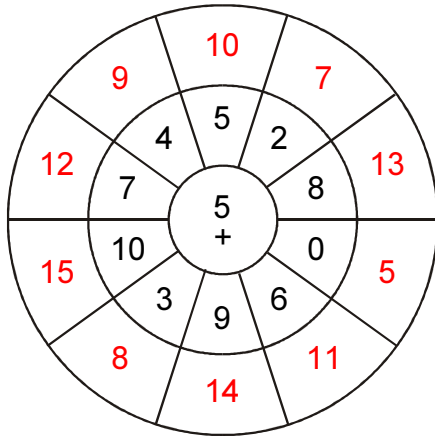


÷ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

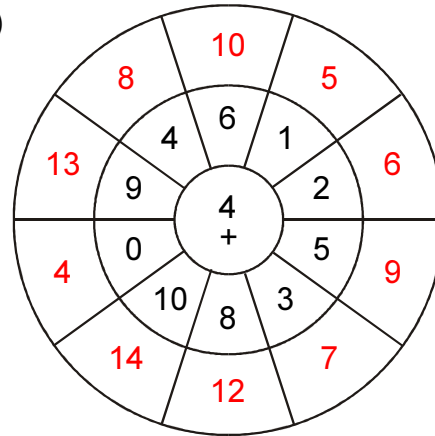
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+5, +4 Addition wheels

1)

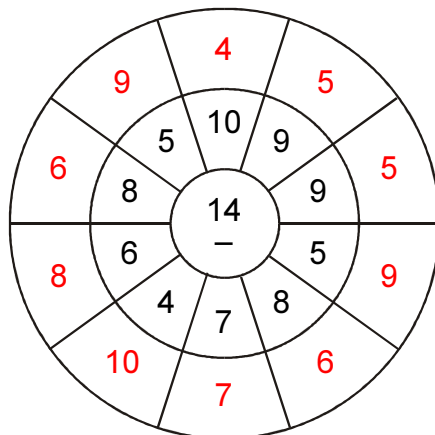


2)



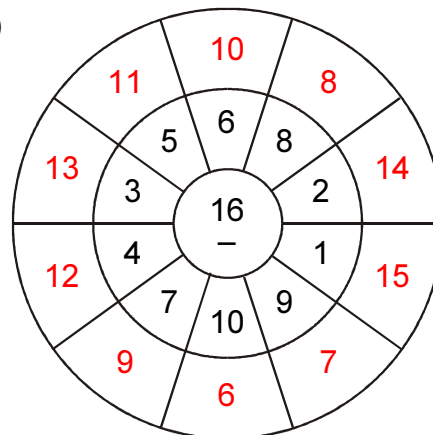
14 – Subtraction wheel

3)



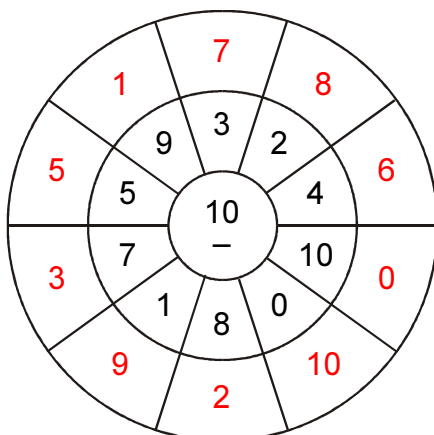
16 – Subtraction wheel

4)

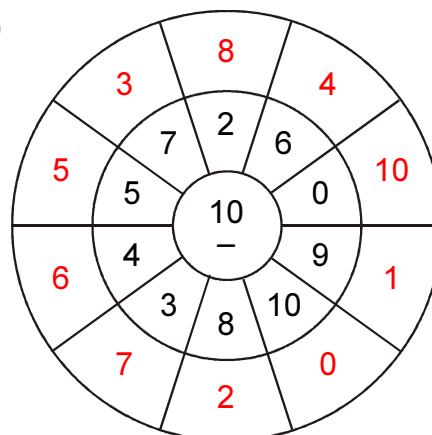


Pairs to ten rainbow wheels

5)



6)



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