

Let's Go!

Book 2: Addition Worksheets





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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	Minu Lev		Day	Ten	Minu Lev	tes a l el 2	Day	Ten	Minu Lev	tes a l el 3	Day		Bring	It On!	
Gr 1/ Yr 2																				
Gr 2/ Yr 3																				
Gr 3/ Yr 4																				
Gr 4/ Yr 5																				
Gr 5/ Yr 6																				



Developing Fluency Worksheets Series

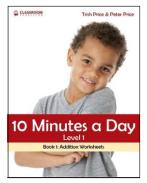
Grade 1 / Year 2



Four eBooks:

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

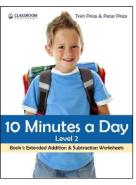
Grade 2 / Year 3



Four eBooks:

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

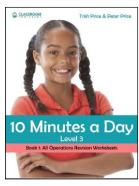
Grade 3 / Year 4



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:

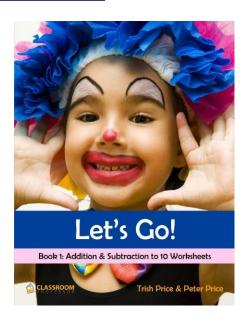
- Mental Strategies
- All Operations Advanced Revision
- Fractions
- Percentages



Grade 1 / Year 2 eBooks: Let's Go! Series

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



Addition & Subtraction to 10:

- Count on 1
- Count back 1
- Count on 2
- Count back 2
- Count on 3
- Count back 3
- Rainbow facts to 10
- Doubles to 10
- Halves to 10
- Last facts (4+5 & 5+4)
- Revision

Addition:

- Count on 1
- Count on 2
- Count on 3
- Rainbow facts
- Special cases (+0, +10)
- Doubles
- Doubles +1
- Near 10 (+9)
- Near 10 (+8)
- Remaining facts (7+4, 7+5)
- Revision

Subtraction:

- Count back 1
- Count back 2
- Count back 3
- Rainbow facts
- Take away 0, 10
- Halving
- Double +1
- Near 10 (-9)
- Difference of 9
- Near 10 (-8)
- Difference of 8
- Remaining facts
- Revision

Addition & Subtraction Revision:

- Count on 1, 2 & 3
- Count back 1, 2 & 3
- Difference of 1, 2 & 3
- Rainbow facts
- Double/Halve
- Double +1
- Near Ten (+8, +9)
- Remaining facts
- Revision





Contents: Let's Go! Addition

Classroom Worksheets

Count on 1	1[A] - 1[D]
Count on 2	2[A] - 2[D]
Count on 3	3[A] - 3[D]
Rainbow facts	4[A] - 4[D]
Special cases (+0, +10)	5[A] - 5[D]
Double	6[A] - 6[D]
Double +1	7[A] - 7[D]
Near ten (+9)	8[A] - 8[D]
Near ten (+8)	9[A] - 9[D]
Remaining facts & Revision	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 1	1 HW
Count on 2	2 HW
Count on 3	3 HW
Rainbow facts	4 HW
Special cases (+0, +10)	5 HW
Double	6 HW
Double +1	7 HW
Near ten (+9)	8 HW
Near ten (+8)	9 HW
Remaining facts & Revision	10 HW



Alignment with the Common Core State Standards for Mathematics

Common Core State Standards for Mathematics

Grade 1 Operations & Algebraic Thinking

Add and subtract within 20

- Relate counting to addition and subtraction (e.g., by counting on 2 to add 2).
- Add and subtract within 20, demonstrating fluency for addition and subtraction within 10.
- Use strategies such as counting on; making ten; decomposing a number leading to a ten; using the relationship between addition and subtraction; and creating equivalent but easier or known sums.

Recommended eBook match



Let's Go! Series:

- Bk 1: Addition & Subtraction to 10
- Bk 2: Addition
- Bk 3: Subtraction
- Bk 4: Addition & Subtraction Revision

Description

The *Let's Go!* Series introduces Grade 1 students to strategies to begin memorization of addition and subtraction number facts.

Book 1 covers only the facts to 10. This is then extended to 20 in Books 2 & 3. These books focus on subitizing and visualizing numbers using number lines and ten frames.

Book 4 contains revision worksheets to consolidate memorization strategies for the addition and subtraction facts to 20.

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

National Curriculum for Mathematics	Recommended eBook match	Description
Year 1 Addition and subtraction Pupils should be taught to: • recall and use number bonds and related subtraction facts within 20	Let's Go! Book 1: Addition & Subtraction to 10 Worksheets Trish Price & Peter Price Let's Go! Series:	The <i>Let's Go!</i> Series introduces Year 1 students to strategies to begin memorisation of addition and subtraction number facts. Book 1 covers only the facts to 10. This is then extended to 20 in Books 2 & 3. These books focus on subitising and visualising numbers using number lines and ten frames. Book 4 contains revision worksheets to consolidate memorisation strategies for the addition and subtraction facts to 20.
	 Bk 1: Addition & Subtraction to 10 Bk 2: Addition Bk 3: Subtraction Bk 4: Addition & Subtraction Revision 	





Let's Go! series: Alignment with the Australian Curriculum

eBook Series	Series Titles	Australian Curriculum: Content Descriptions
Let's Go! Book 1: Addition & Subtraction to 10 Worksheets Trish Price & Peter Price	 Let's Go! Series: Addition & Subtraction to 10 Addition Subtraction Addition & Subtraction Revision 	 Year 2 Explore the connection between addition and subtraction (ACMNA029) Solve simple addition and subtraction problems using a range of efficient mental and written strategies (ACMNA030)

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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.



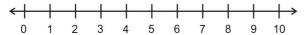
Addition Number Facts - Teaching Strategies

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".

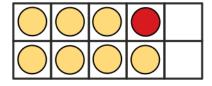
It is important to note that children should be discouraged from counting from "1"; they need to know the sequence of number names well enough that they can start partway along the sequence and recall the following number.

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

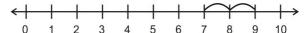


Daily practice from a young age makes visualisation of numbers up to 10 an automatic task.

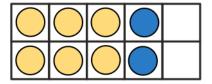
Count On 2 Facts (+2)

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:



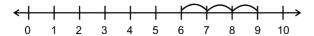
Count On 3 Facts (+3)

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

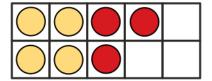


have the students count, whispering the two middle numbers (e.g., "one, two, three, four").

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

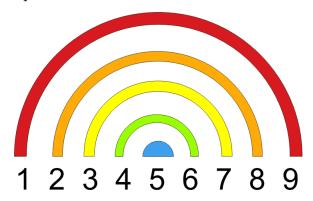


Adding three with a ten frame or two is trickier than adding one or two, but with practice students should find this easy. As with all strategies, the aim is to move students beyond the visual or physical representations and the strategy, to being able to visualize the number, and ultimately simply knowing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

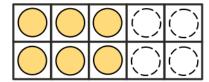


Rainbow Facts (Sums to 10)

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:



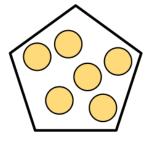
Another excellent method for visualising pairs to ten is the ten frame. Children should have practice putting a number of counters on the ten frame, and then filling the frame with counters of a second color. After some practice with this, students should be able to state the number of empty squares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

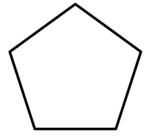


Pairs to ten are foundational for many other mathematical skills, such as giving change, making this strategy very useful and relevant to everyday life.

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:

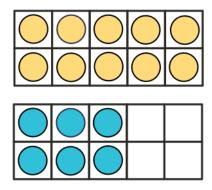




Adding ten to a single digit number results in the associated teen number which has one ten and the single digit number of ones. Most pairs of a single digit number and the associated teen number sound similar (e.g.,

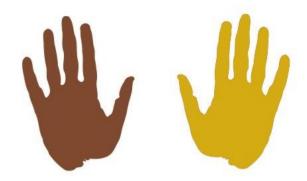


"six" and "sixteen"). This can be illustrated easily with a pair of ten frames:

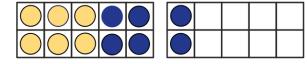


Doubles Addition Facts

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:

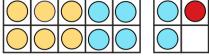


Doubles + 1 (pairs of adjacent numbers)

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:

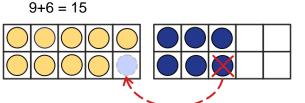
$$6+7$$
 = double $6+1$
= $12+1$
= 13





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:

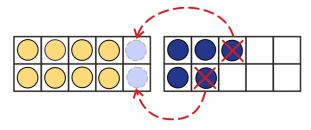




Near Ten Facts (+8)

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:

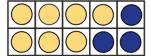
8+5 = 13

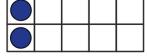


Remaining facts (7+4, 7+5)

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:







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.

Student		ieck p A		neck p B		ieck p C		eck p D		ieck p E	Total	Comments
Student	U _j	p A	U	рь	U	рC	U]	рD	U	рс	Total	Comments



Student		eck p A	neck p B	ieck p C		eck p D	ieck p E	Total	Comments
Student	<u> </u>	P A	р Б	рC	O _j	<i>y</i> D	PЕ	Total	Comments



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.

Name: Count on 1 (+1): 1 [A]

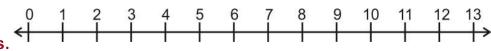


+1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Add One - "Count On" Strategy with a Number Line

Add 1 facts are taught using a COUNT ON strategy. A number line will help children to visualize this operation in which counting on 1 lands on the next number.

Use the number line to help you count on.
Do not count on your fingers.



Count on 1

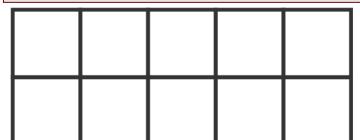
$$^{7)}$$
 6 + 1 =

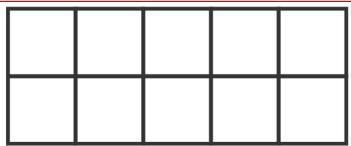
$$^{4)}$$
 5 + 1 =

$$^{10)}$$
 0 + 1 =

Add One - "Count On" Strategy with Ten Frames

Have the students use a ten frame to help them with these count on one facts. Do not let the students count from one, rather, they should be able to subitize the number shown.





Use ten frames to help with these count on facts.

Count on 1

$$^{16)}$$
 10 + 1 =

$$^{12)}$$
 3 + 1 =

$$^{17)}5 + 1 =$$

Name: Count on 1 (+1): 1 [B]



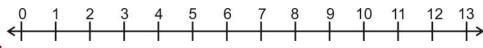
+1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Add One Turn Arounds - "Count On" Strategy with a Number Line

Do not let students start on 1 then count on the added number. Rather, have the students find the larger number on the number line and count on one from there.

Use the number line to help you count on.





Count on 1 turn arounds

$$^{6)}$$
 1 + 0 =

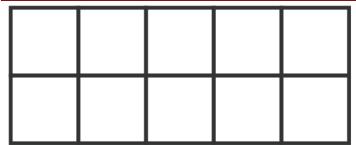
$$^{3)}$$
 1 + 2 =

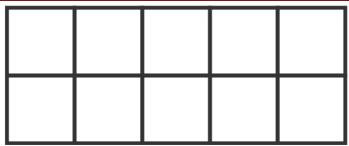
$$^{9)}$$
 1 + 7 =

$$^{10)}$$
 1 + 1 =

Add One - "Count On" Strategy with a Ten Frame

Have the students use a ten frame to help them with these count on one facts. Do not let the students count from one, rather, they should be able to subitize the number shown.





Use ten frames to help with these count on facts.

Count on 1 turn arounds

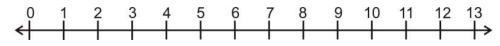
$$^{16)}$$
 1 + 3 =

Name: Count on 1 (+1): 1 [C]



+123	Rnbw	0&10	Dble	Dble+1	9	8	All
------	------	------	------	--------	---	---	-----

Use the number line to help count on.



Do not use your fingers.

Count on 1

Turn arounds



Missing numbers

$$^{21)}$$
 + 1 = 2

$$+ 5 = 6$$

$$^{30)}$$
 + 4 = 5



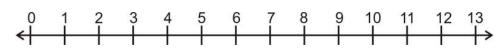


Name: Count on 1 (+1): 1 [D]



Use the number line to help count on.

Do not use your fingers.



Count on 1

$$^{10)}$$
 3 + 1 =

Turn arounds



Missing numbers

$$^{21)} 7 + = 8$$

$$^{23)}2 + = 3$$

$$^{24)}6 + = 7$$

$$^{28)}$$
 1 + = 2

$$^{29)}$$
 1 + = 9

$$^{30)}$$
 1 + = 11





Name: Count on 2 (+2): 2 [A]



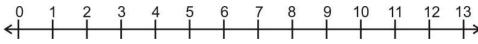
+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Add Two - "Count On" Strategy with a Number Line

Add 2 facts are taught using a COUNT ON strategy. A number line will help children to visualize this operation which "skips" one number and lands on the next one.

Use the number line to help you count on 2.





Count on 2

$$^{6)}$$
 3 + 2 =

$$^{2)}$$
 0 + 2 =

$$^{3)}$$
 10 + 2 =

$$^{4)}$$
 5 + 2 =

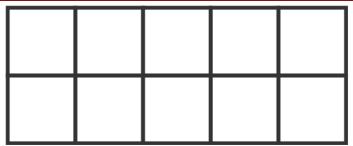
$$^{9)}$$
 2 + 2 =

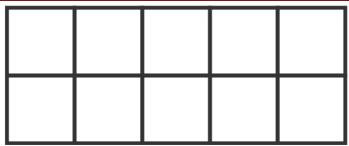
$$^{5)}$$
 7 + 2 =

$$^{10)}6 + 2 =$$

Add Two - "Count On" Strategy with Ten Frames

Have the students use a ten frame to help them with these count on two facts. Do not let the students count the remaining counters, rather, they should be able to subitize the number shown.





Use ten frames to help with these count on 2 facts.

Count on 2

$$^{12)}8 + 2 =$$

$$^{17)}6 + 2 =$$

$$^{13)}$$
 10 + 2 =

$$^{18)}0 + 2 =$$

$$^{15)}$$
4 + 2 =

$$^{20)}$$
 9 + 2 =

Name: Count on 2 (+2): 2 [B]



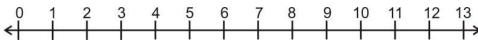
+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Add Two Turn Arounds - "Count On" Strategy with a Number Line

Do not let students start on 2 then count on the added number. Rather, have the students find the larger number on the number line and count on two from there.

Use the number line to help you count on 2.





Count on 2 turn arounds

$$^{6)}$$
 2 + 8 =

$$^{2)}$$
 2 + 0 =

$$^{3)}$$
 2 + 2 =

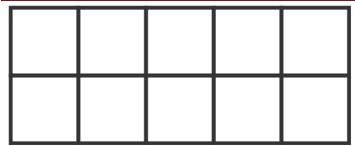
$$^{8)}$$
 2 + 7 =

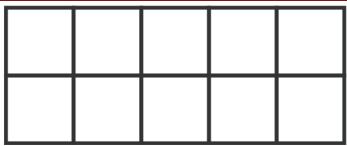
$$^{4)}$$
 2 + 9 =

$$^{10)}2 + 4 =$$

Add Two - "Count On" Strategy with a Ten Frame

Have the students use a ten frame to help them with these count on two facts. Do not let the students count from two, rather, subitize the number shown.





Use ten frames to help with these count on 2 facts.

Count on 2 turn arounds

$$^{16)} 2 + 7 =$$

$$^{13)} 2 + 4 =$$

$$^{18)}2 + 3 =$$

$$^{14)}2 + 9 =$$

$$^{19)}2 + 0 =$$

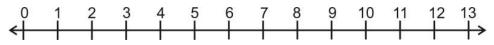
$$^{20)}$$
 2 + 1 =

Name: Count on 2 (+2): 2 [C]



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

Use the number line to help count on 2.



Do not use your fingers.

Count on 2

$$^{1)}$$
 6 + 2 =

$$^{6)}$$
 4 + 2 =

$$^{2)}$$
 10 + 2 =

$$^{7)}$$
 9 + 2 =

$$^{3)}$$
 0 + 2 =

$$^{9)}$$
 8 + 2 =

Addition missing numbers

$$^{22)}$$
 + 2 = 3

$$^{24)}$$
 + 2 = 7

$$^{25)}$$
 + 2 = 5

Turn arounds

$$^{11)}2 + 6 =$$

$$^{12)}$$
 2 + 7 =

$$^{17)}$$
 2 + 5 =

$$^{13)}2 + 10 =$$

$$^{14)}$$
 2 + 1 =

$$^{19)} 2 + 0 =$$

$$^{20)}$$
 2 + 2 =

Addition missing numbers

$$+ 2 = 4$$

$$+ 7 = 9$$

$$^{28)}$$
 + 1 = 3

$$^{30)}$$
 + 4 = 6



Revision

$$^{31)} 9 + = 11$$

$$^{32)}6 + = 8$$

$$^{33)} 5 + = 6$$

$$^{34)} 9 + = 10$$

$$^{35)}6 + = 7$$

$$^{38)}$$
 2 + 10 =

$$^{39)}2 + 7 =$$

$$^{40)}$$
1 + 9 =



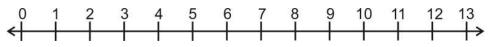


Name: Count on 2 (+2): 2 [D]



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

Use the number line to help count on 2.



Do not use your fingers.

Count on 2

$$^{1)}$$
 7 + 2 =

$$^{6)}$$
 6 + 2 =

$$^{7)}$$
 8 + 2 =

$$^{3)}$$
 1 + 2 =

$$^{8)}$$
 0 + 2 =

$$^{9)}$$
 9 + 2 =

$$^{10)}$$
 3 + 2 =

Addition missing numbers

$$^{23)}$$
 + 2 = 7

$$^{24)}$$
 + 2 = 5

$$^{25)}$$
 + 2 = 6

Turn arounds

$$^{16)} 2 + 5 =$$

$$^{17)}2 + 3 =$$

$$^{13)}2 + 6 =$$

$$^{18)}$$
 2 + 7 =

$$^{14)} 2 + 10 =$$

$$^{19)} 2 + 0 =$$

$$^{15)}$$
 2 + 1 =

Addition missing numbers

$$^{26)}2 + = 4$$

$$^{28)} 2 + = 3$$

$$^{30)} 2 + = 9$$





Revision

$$^{31)}$$
 + 1 = 7

$$^{32)}$$
 + 1 = 6

$$^{33)}$$
 + 1 = 3

$$^{34)}$$
 + 2 = 5

$$^{35)}$$
 + 2 = 4

$$^{36)}$$
 + 6 = 8

$$^{38)}$$
 + 7 = 8

$$^{39)}$$
 + 3 = 4

$$^{40)}$$
 + 1 = 3





Name: Count on 3 (+3): 3 [A]



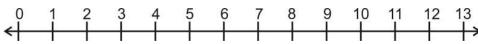
+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Add Three - "Count On" Strategy with a Number Line

Add 3 facts are taught using a COUNT ON strategy. A number line will help children to visualize this operation which "skips" two numbers and lands on the next one.

Use the number line to help you count on 3.





Count on 3

$$^{6)}$$
 2 + 3 =

$$^{2)}$$
 7 + 3 =

$$^{7)}$$
 8 + 3 =

$$^{3)}$$
 3 + 3 =

$$^{8)}$$
 6 + 3 =

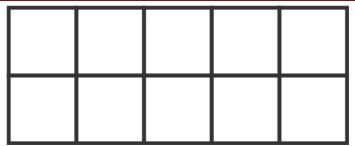
$$^{4)}$$
 1 + 3 =

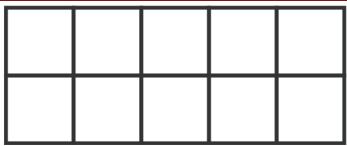
$$^{9)}$$
 0 + 3 =

$$^{10)}9 + 3 =$$

Add Three - "Count On" Strategy with a Ten Frame

Have the students use a ten frame to help them with these count on three facts. Do not let the students count the remaining counters, rather, they should be able to subitize the number shown.





Use ten frames to help with these count on 3 facts.

Count on 3

$$^{11)}0 + 3 =$$

$$^{12)}9 + 3 =$$

$$^{17)}7 + 3 =$$

$$^{13)}$$
 10 + 3 =

$$^{14)}4 + 3 =$$

$$^{(19)}5 + 3 =$$

$$^{15)}2 + 3 =$$

$$^{20)}$$
 3 + 3 =

Name: Count on 3 (+3): 3 [B]



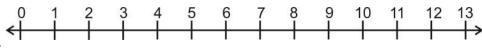
+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Add Three Turn Arounds - "Count On" Strategy with a Number Line

Do not let students start on 3 then count on the added number. Rather, have the students find the larger number on the number line and count on three from there.

Use the number line to help you count on 3.





Count on 3 turn arounds

$$^{6)}$$
 3 + 10 =

$$^{7)}$$
 3 + 7 =

$$^{3)}$$
 3 + 6 =

$$^{8)}$$
 3 + 0 =

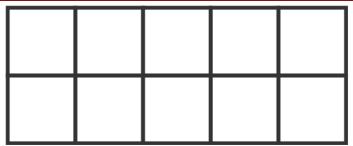
$$^{4)}$$
 3 + 5 =

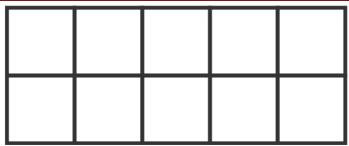
$$^{5)}$$
 3 + 1 =

$$^{10)}$$
 3 + 3 =

Add Three - "Count On" Strategy with a Ten Frame

Have the students use a ten frame to help them with these count on three facts. Do not let the students count from three, rather, subitize the number shown.





Use ten frames to help with these count on 3 facts.

Count on 3 turn arounds

$$^{16)}3 + 2 =$$

$$^{12)}3 + 9 =$$

$$^{17)}3 + 0 =$$

$$^{18)}$$
 3 + 1 =

$$^{14)}$$
 3 + 3 =

$$^{19)}3 + 6 =$$

$$^{15)}$$
 3 + 5 =

$$^{20)}$$
 3 + 4 =

Name: Count on 3 (+3): 3 [C]



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

Use the number line to help count on 3.

Do not use your fingers.



Count on 3

$$^{6)}$$
 10 + 3 =

$$^{2)}$$
 5 + 3 =

$$^{7)}$$
 0 + 3 =

$$^{3)}$$
 8 + 3 =

$$^{4)}$$
 3 + 3 =

$$^{9)}$$
 2 + 3 =

$$^{5)}$$
 7 + 3 =

Addition missing numbers

$$^{21)}$$
 1 + = 4

$$^{22)} 5 + = 8$$

$$^{23)}4 + = 7$$

$$^{24)}6 + = 9$$

$$^{25)} 9 + = 12$$

Turn arounds

$$^{16)}$$
 3 + 5 =

$$^{12)}$$
 3 + 7 =

$$^{18)} 3 + 0 =$$

$$^{14)}$$
 3 + 8 =

Addition missing numbers

$$^{26)}$$
 3 + = 9

$$^{27)}3 + = 12$$

$$^{28)}$$
 3 + = 3

$$^{29)}$$
 3 + = 11

$$^{30)}$$
 3 + = 6

Revision

$$^{31)}$$
 + 1 = 2

$$^{32)}$$
 + 1 = 8

$$^{33)} + 3 = 7$$

$$^{34)}$$
 + 3 = 5

$$^{35)}$$
 + 2 = 6

$$^{38)}$$
 1 + 5 =

$$^{39)}2 + 9 =$$





Name: Count on 3 (+3): 3 [D]



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

Use the number line to help count on 3.

Do not use your fingers.



Count on 3

$$^{1)}$$
 4 + 3 =

$$^{6)}$$
 6 + 3 =

$$^{2)}$$
 7 + 3 =

$$^{3)}$$
 8 + 3 =

$$^{4)}$$
 0 + 3 =

$$^{9)}$$
 10 + 3 =

$$^{5)}$$
 3 + 3 =

Addition missing numbers

$$+ 3 = 7$$

$$+ 3 = 12$$

Turn arounds

$$^{11)}$$
 3 + 7 =

$$^{12)}3 + 10 =$$

$$^{13)}3 + 0 =$$

$$^{14)}$$
 3 + 1 =

$$^{19)}$$
 3 + 5 =

$$^{15)}$$
 3 + 8 =

Addition missing numbers

$$^{27)} 3 + = 9$$

$$^{28)}$$
 3 + = 3

$$^{29)}3 + = 11$$

$$^{30)}$$
 3 + = 12

Revision

$$^{31)}$$
 + 2 = 2

$$^{32)}$$
 + 3 = 9

$$^{33)}$$
 + 2 = 6

$$^{34)}$$
 + 2 = 3

$$^{35)}$$
 + 2 = 4

$$^{36)}$$
 + 5 = 7

$$^{38)}$$
 + 8 = 9

$$^{39)}$$
 + 6 = 9

$$^{40)}$$
 + 4 = 5





Name: Rainbow Facts: 4 [A]

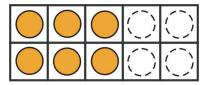


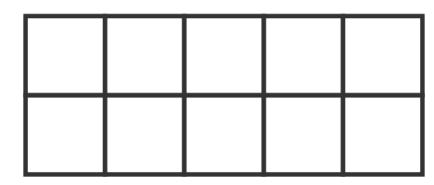
+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Rainbow Facts - "Pairs to Ten" Strategy with a Ten Frame

"Rainbow facts" are pairs of numbers whose sum is 10. These facts are very important for lots of later mental computation.

Have students place the first number on the ten frame. Have them fill the remaining spaces with counters of a different colour.





Students can be shown a rainbow graphic to illustrate the fact that the two numbers in each of these pairs equal 10:



Use a ten frame. Do not use your fingers.

Addition rainbow facts

$$^{6)}$$
 0 + 10 =

$$^{3)}$$
 3 + 7 =

$$^{4)}$$
 4 + 6 =

$$^{5)}$$
 1 + 9 =

$$^{(0)}$$
 7 + 3 =

Count on 3 turn arounds

$$^{16)} 3 + 2 =$$

$$^{12)}3 + 9 =$$

$$^{17)}3 + 0 =$$

$$^{13)}3 + 10 =$$

$$^{14)}$$
 3 + 3 =

$$^{15)}$$
 3 + 5 =

Rainbow facts missing numbers

$$^{21)}$$
 1 + = 10

$$^{22)}6 + = 10$$

$$^{23)}$$
 0 + = 10

$$^{24)}$$
 4 + = 10

$$^{25)}$$
 7 + = 10

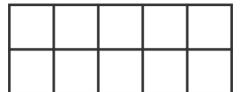
$$^{26)}2 + 8 =$$

$$^{28)}$$
 3 + 7 =

Name: Rainbow Facts: 4 [B]



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





Use a ten frame. Do not use your fingers.

Rainbow facts

$$^{1)}$$
 3 + 7 =

$$^{6)}$$
 5 + 5 =

$$^{3)}$$
 7 + 3 =

$$^{4)}$$
 2 + 8 =

$$^{9)}$$
 9 + 1 =

$$^{10)}$$
 0 + 10 =

Addition missing numbers

$$+ 8 = 10$$

$$+ 6 = 10$$

$$^{14)}$$
 + 3 = 10

$$+ 5 = 10$$



Rainbow facts missing numbers

$$^{16)}$$
 + 10 = 10

$$+ 6 = 10$$

Rainbow facts missing numbers

$$^{21)}2 + = 10$$

$$^{22)}$$
8 + = 10

$$^{23)}6 + = 10$$

$$^{24)} 9 + = 10$$

$$^{25)}$$
 3 + = 10

Revision

$$+ 2 = 4$$

$$^{32)} 2 + = 4$$

$$+ 3 = 8$$

$$^{33)} 3 + = 9$$

$$^{29)}$$
 + 2 = 3

$$^{34)}$$
 1 + = 6

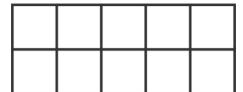
$$^{30)}$$
 + 2 = 9

$$^{35)}$$
 1 + = 10

Name: Rainbow Facts: 4 [C]



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



1 2 3 4 5 6 7 8 9

Use a ten frame. Do not use your fingers.

Rainbow facts

$$^{1)}$$
 5 + 5 =

$$^{3)}$$
 8 + 2 =

$$^{4)}$$
 3 + 7 =

$$^{10)} 7 + 3 =$$

Addition missing numbers

$$^{11)}$$
1 + = 10

$$^{12)} 2 + = 10$$

$$^{13)} 5 + = 10$$

$$^{14)}4 + = 10$$

$$^{15)} 7 + = 10$$



Rainbow facts missing numbers

$$+ 6 = 10$$

$$^{17)}$$
 + 5 = 10

$$+ 9 = 10$$

Addition missing numbers

$$^{23)}$$
 2 + 8 =

$$^{24)}$$
 9 + 1 =

$$^{25)}$$
 5 + 5 =

Revision

$$^{26)}$$
 + 3 = 5

$$^{27)}$$
 + 1 = 7

$$^{28)}$$
 + 2 = 8

$$^{30)}$$
 + 1 = 3

$$^{31)}2 + 4 =$$

$$^{32)}3 + 6 =$$

$$^{33)}2 + 2 =$$

$$^{34)}$$
1 + 5 =

Name: Rainbow Facts: 4 [D]



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



1 2 3 4 5 6 7 8 9

Use a ten frame. Do not use your fingers.

Rainbow facts

$$^{1)}$$
 7 + 3 =

$$^{6)}$$
 4 + 6 =

$$^{3)}$$
 2 + 8 =

$$^{9)}$$
 3 + 7 =

$$^{10)} 8 + 2 =$$

Addition missing numbers

$$+ 9 = 10$$

$$+ 3 = 10$$

$$+ 6 = 10$$



Missing numbers

$$+ 3 = 10$$

$$+ 6 = 10$$

$$^{20)}$$
 + 10 = 10

Addition missing numbers

$$^{21)}6 + = 10$$

$$^{22)}$$
 2 + = 10

$$^{23)}8 + = 10$$

$$^{24)} 9 + = 10$$

$$^{25)}$$
 3 + = 10

Revision

$$^{31)}$$
1 + = 10

$$^{27)}$$
 1 + 2 =

$$^{32)}2 + = 6$$

$$^{28)}$$
 2 + 2 =

$$^{33)}3 + = 9$$

$$^{34)}2 + = 4$$

$$^{30)}5 + 3 =$$

$$^{35)}$$
 1 + = 6

Special Cases (+0, +10): 5 [A]

Name:



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

Plus 0 and plus 10 facts are SPECIAL CASES.

Adding zero - Talk to students about nothing at all to another number. That number does not change.

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.

+0, +10

$$^{1)}$$
 10 + 0 =

$$^{6)}$$
 9 + 0 =

$$^{7)}$$
 4 + 0 =

$$^{3)}$$
 7 + 10 =

$$^{4)}$$
 9 + 10 =

$$^{9)} 0 + 0 =$$

$$^{10)}$$
 1 + 0 =

Addition missing numbers

$$+ 10 = 14$$

$$^{23)}$$
 + 10 = 10

Turn arounds

$$^{11)}0 + 0 =$$

$$^{13)}$$
 10 + 0 =

$$^{14)}$$
 0 + 3 =

Addition missing numbers

$$^{26)} 0 + = 7$$

$$^{27)} 0 + = 5$$

$$^{28)} 0 + = 0$$

$$^{29)} 0 + = 9$$

$$^{30)} 0 + = 3$$

8



Revision

$$^{34)} 7 + 0 =$$

$$^{35)}$$
 8 + 1 =

Rainbow facts revision

$$^{36)}$$
 + 7 = 10

$$^{37)}$$
 + 4 = 10

$$^{38)}$$
 + 8 = 10

$$^{39)}$$
 + 1 = 10

Special Cases (+0, +10): 5 [B]

Name:



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

+0, +10

$$^{1)}$$
 1 + 0 =

$$^{6)}$$
 2 + 10 =

$$^{2)}$$
 4 + 0 =

$$^{3)}$$
 10 + 10 =

$$^{4)} 9 + 0 =$$

$$^{9)}$$
 0 + 0 =

$$^{10)}$$
 10 + 0 =

Addition missing numbers

$$^{23)}$$
 + 10 = 11

Turn arounds

$$^{11)} 10 + 0 =$$

$$^{16)}$$
 0 + 8 =

$$^{12)} 10 + 10 =$$

$$^{14)} 0 + 0 =$$

$$^{19)}$$
 0 + 10 =

$$^{15)}$$
 0 + 3 =

$$^{20)}$$
 0 + 1 =

Addition missing numbers

$$^{26)} 0 + = 3$$

$$^{27)} 0 + = 9$$

$$^{28)} 0 + = 7$$

$$^{29)} 0 + = 5$$

$$^{30)} 0 + = 0$$





Revision

$$^{32)}7 + 0 =$$

$$^{34)} 9 + 3 =$$

$$^{35)}$$
 4 + 2 =

Rainbow facts revision

$$^{36)}$$
 + 5 = 10

$$^{38)}$$
 + 7 = 10

$$^{39)}$$
 + 1 = 10





Special Cases (+0, +10): 5 [C]

Name:

PROFESSOR PETE'S CLASSROOM

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

+0, +10

$$^{6)}$$
 9 + 10 =

$$^{2)}$$
 10 + 0 =

$$^{7)}$$
 4 + 0 =

$$^{3)}$$
 10 + 10 =

$$^{8)} 0 + 0 =$$

$$^{4)} 9 + 0 =$$

$$^{9)}$$
 6 + 10 =

$$^{5)}$$
 1 + 0 =

$$^{10)}$$
 7 + 10 =

Missing numbers

$$^{23)}$$
 + 10 = 10

$$^{25)}$$
 + 10 = 11

Turn arounds

$$^{16)}$$
 0 + 10 =

$$^{17)} 0 + 0 =$$

$$^{13)}$$
 0 + 3 =

$$^{14)} 10 + 0 =$$

$$^{20)}$$
 10 + 3 =

Addition missing numbers

$$^{26)} 0 + = 7$$

$$^{27)}$$
 0 + = 5

$$^{28)} 0 + = 0$$

$$^{29)} 0 + = 9$$

$$^{30)} 0 + = 3$$





Revision

$$^{31)} 2 + 1 =$$

Rainbow facts revision

$$^{36)}$$
 + 7 = 10

$$^{37)}$$
 + 8 = 10

$$^{38)}$$
 + 1 = 10

$$^{39)}$$
 + 5 = 10

$$^{40)}$$
 + 4 = 10





Special Cases (+0, +10): 5 [D]

Name:



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

+0, +10

$$^{1)}$$
 0 + 0 =

$$^{6)}$$
 4 + 0 =

$$^{7)}$$
 1 + 0 =

$$^{3)}$$
 2 + 10 =

$$^{4)}$$
 10 + 0 =

$$^{9)} 9 + 0 =$$

$$^{10)}$$
 7 + 10 =

Addition missing numbers

$$^{25)}$$
 + 10 = 11

Turn arounds

$$^{16)}$$
 0 + 1 =

$$^{12)}$$
 0 + 10 =

$$^{17)} 10 + 0 =$$

$$^{13)}$$
 0 + 3 =

$$^{14)} 10 + 10 =$$

$$^{15)} 0 + 0 =$$

$$^{20)}$$
 0 + 8 =

Missing numbers

$$^{26)} 0 + = 0$$

$$^{27)} 0 + = 3$$

$$^{28)} 0 + = 5$$

$$^{29)} 0 + = 7$$

$$^{30)} 0 + = 9$$





Revision

$$^{31)}$$
 + 2 = 10

$$^{32)}$$
 + 2 = 12

$$^{33)}$$
 + 1 = 5

$$^{34)}$$
 + 1 = 7

$$^{35)}$$
 + 3 = 5

Rainbow facts revision

$$^{36)}6 + = 10$$

$$^{37)} 5 + = 10$$

$$^{38)}$$
 3 + = 10

$$^{39)}2 + = 10$$

$$^{40)} 9 + = 10$$





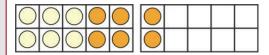
Name: Double: 6 [A]

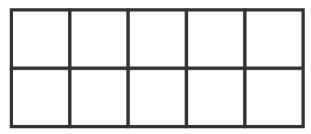


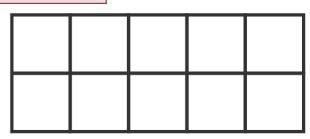
+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

"Double" Strategy with Ten Frames

Have the students put out counters for the first number. Then, using a second colour, put out that number again. Different arrangements for the counters can be used. Do not let students count from one, rather, they should be able to subitize the number shown.







Use ten frames. Do not use your fingers.

Double

$$^{6)}$$
 3 + 3 =

$$^{3)}$$
 9 + 9 =

$$^{5)}$$
 7 + 7 =

$$^{10)}6 + 6 =$$

Double missing numbers

$$+ 5 = 10$$

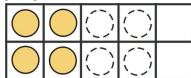
$$+ 3 = 6$$

$$+ 7 = 14$$

"Halve" Strategy with a Ten Frame

Have the students put out counters for the first number. Then, Have them remove half of them. The students will quickly be able to visualise the removal of half the counters on counters on the ten frame. Do not let students count the remaining counters from one, rather, they should be able to subitize the number shown.

8 - 4 = 4



Halving

$$^{16)} 10 - 5 =$$

$$^{21)} 10 - 5 =$$

$$^{17)}2-1=$$

$$^{18)}6 - 3 =$$

$$^{19)} 10 - 2 =$$

$$^{24)}6 - 3 =$$

$$^{20)} 2 - 1 =$$

$$^{25)}4-2=$$

Rainbow facts revision

$$^{26)}$$
 1 + = 10

$$^{27)}$$
 5 + = 10

$$^{28)}4 + = 10$$

$$^{29)} 0 + = 10$$

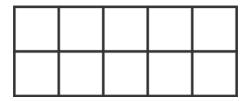
$$^{30)} 7 + = 10$$

Name: Double: 6 [B]



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





Use ten frames. Do not use your fingers.

Double

$$^{6)}$$
 9 + 9 =

$$^{3)}$$
 7 + 7 =

$$^{4)}$$
 3 + 3 =

$$^{5)}$$
 10 + 10 =

$$^{10)}6 + 6 =$$

Double missing numbers

$$+ 3 = 6$$

$$^{14)}$$
 + 7 = 14





Missing numbers

$$^{16)}$$
 + 4 = 8

$$+ 5 = 10$$

$$^{20)}$$
 + 10 = 20

Rainbow facts revision

$$^{21)}6 + = 10$$

$$^{22)}5 + = 10$$

$$^{23)} 9 + = 10$$

$$^{24)}2 + = 10$$

$$^{25)}$$
 3 + = 10

Revision

$$^{26)} 9 + = 12$$

$$^{27)}4 + = 6$$

$$^{28)}5 + = 15$$

$$^{29)}$$
 1 + = 3

$$^{30)}6 + = 6$$

Revision

$$^{31)}0 + = 9$$

$$^{32)}6 + = 12$$

$$^{33)}8 + = 16$$

$$^{34)}$$
 3 + = 11

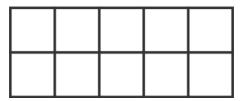
$$^{35)}$$
 1 + = 7

Name: Double: 6 [C]



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





Use ten frames. Do not use your fingers.

Double

$$^{3)}$$
 8 + 8 =

$$^{8)}$$
 7 + 7 =

$$^{4)}$$
 3 + 3 =

$$^{5)}$$
 2 + 2 =

$$^{10)}$$
 10 + 10 =

Double missing numbers

$$+ 5 = 10$$

$$^{14)}$$
 + 7 = 14





Missing numbers

$$+ 8 = 16$$

Rainbow facts revision

$$+ 2 = 10$$

$$+ 5 = 10$$

$$+ 4 = 10$$

$$+ 9 = 10$$

$$+ 7 = 10$$

Revision

$$^{26)} 9 + = 18$$

$$^{27)}$$
 5 + = 15

$$^{28)}$$
 7 + = 14

$$^{29)} 10 + = 12$$

$$^{30)} 2 + = 5$$

Revision

$$^{31)}3 + = 10$$

$$^{32)}$$
 1 + = 7

$$^{33)}$$
 0 + = 3

$$^{34)} 10 + = 16$$

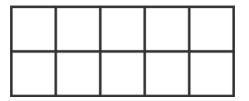
$$^{35)}$$
 2 + = 11

Name: Double: 6 [D]



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





Use ten frames. Do not use your fingers.

Double

$$^{6)}$$
 5 + 5 =

$$^{3)}$$
 2 + 2 =

$$^{10)}$$
 3 + 3 =

Double missing numbers

$$+ 3 = 6$$

$$^{14)}$$
 + 5 = 10

$$+ 7 = 14$$





Double missing numbers

$$^{17)}$$
 1 + = 2

$$^{18)}$$
 4 + = 8

$$^{19)}2 + = 4$$

$$^{20)} 5 + = 10$$

Rainbow facts revision

$$^{21)} 5 + = 10$$

$$^{22)}6 + = 10$$

$$^{23)}3 + = 10$$

$$^{24)}8 + = 10$$

$$^{25)} 10 + = 10$$

Revision

Revision

$$^{31)}2 + 5 =$$

$$^{32)}$$
 2 + 8 =

$$^{33)}3 + 7 =$$

$$^{34)}2 + 7 =$$

$$^{35)}$$
 10 + 9 =

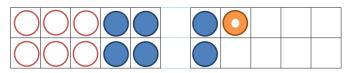
Name: Double +1: 7 [A]



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

"Double +1" Strategy with Ten Frames

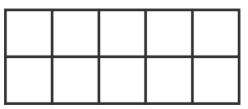
These number facts are taught using aTHINK OF DOUBLES strategy: once doubles are memorized, any double plus one fact is easily found by counting on one more. Double plus one facts are recognized by the pairing of two numbers that are consecutive counting numbers, their sum equalling double the smaller number plus one more.



6+7=13 6+6+1=13

Use ten frames. Do not use your fingers.





Double +1

$$^{6)}$$
 5 + 5 =

$$^{4)}$$
 4 + 5 =

$$^{9)}$$
 7 + 8 =

$$^{5)}$$
 2 + 3 =

$$^{10)} 9 + 10 =$$

Double revision

$$^{21)}6 + 6 =$$

$$^{22)}7 + 7 =$$

$$^{23)}8 + 8 =$$

$$^{24)}5 + 5 =$$

Turn arounds

$$^{11)} 7 + 7 =$$

$$^{12)} 8 + 7 =$$

$$^{17)}6 + 5 =$$

$$^{14)}$$
 5 + 4 =

Rainbow facts revision

$$^{26)}$$
 + 1 = 10

$$^{29)}$$
 + 5 = 10

$$^{30)}$$
 + 7 = 10

Addition revision

$$^{31)} 2 + 1 =$$

$$^{34)}$$
 1 + 1 =

$$^{32)}$$
 5 + 1 =

$$^{33)}9 + 0 =$$

$$^{36)} 5 + 0 =$$

Addition missing number revision

$$^{37)}2 + = 11$$

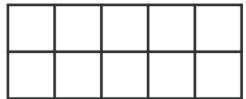
$$^{38)}$$
 1 + = 10

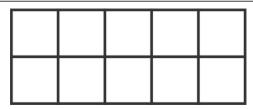
$$^{39)} 3 + = 12$$

Name: Double +1: 7 [B]



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





Use ten frames. Do not use your fingers.

Double +1

$$^{1)}$$
 5 + 5 =

$$^{6)}$$
 4 + 4 =

$$^{3)}$$
 6 + 6 =

$$^{8)}$$
 7 + 7 =

$$^{4)}$$
 6 + 7 =

$$^{9)}$$
 7 + 8 =

$$^{5)}$$
 2 + 3 =

$$^{10)} 9 + 10 =$$

Double revision

$$^{21)}$$
 5 + 5 =

$$^{22)}$$
 7 + 7 =

$$^{24)}6 + 6 =$$

Turn arounds

$$^{11)}8 + 8 =$$

$$^{16)}$$
 6 + 6 =

$$^{12)} 9 + 8 =$$

$$^{17)}$$
 7 + 6 =

$$^{13)}5 + 5 =$$

$$^{18)} 7 + 7 =$$

$$^{14)}6 + 5 =$$

Rainbow facts revision

$$+ 5 = 10$$

$$^{28)}$$
 + 1 = 10

$$^{29)}$$
 + 7 = 10

$$^{30)}$$
 + 4 = 10



Missing numbers revision

$$^{31)}2 + = 4$$

$$^{32)}8 + = 16$$

$$^{33)}4 + = 8$$

$$^{34)} 9 + = 18$$

$$^{35)} 5 + = 10$$

Rainbow facts revision

$$^{36)}$$
 3 + 7 =

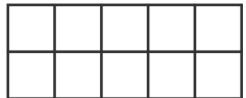
$$^{37)}5 + 5 =$$

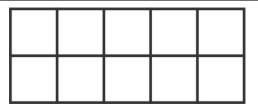
$$^{38)}$$
 2 + 8 =

Name: Double +1: 7 [C]



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





Use ten frames. Do not use your fingers.

Double +1

$$^{6)}$$
 8 + 8 =

$$^{3)}$$
 6 + 6 =

$$^{8)}$$
 5 + 5 =

$$^{4)}$$
 6 + 7 =

$$^{9)}$$
 5 + 6 =

$$^{5)}$$
 2 + 3 =

$$^{10)}$$
 3 + 4 =

Double revision

$$^{22)}$$
 7 + **7** =

$$^{23)}$$
 5 + 5 =

$$^{24)}8 + 8 =$$

$$^{25)}6 + 6 =$$

Turn arounds

$$^{12)}$$
 5 + 4 =

$$^{13)}$$
 3 + 3 =

$$^{18)}$$
 7 + 7 =

$$^{15)}$$
 3 + 2 =

Rainbow facts revision

$$^{26)}$$
 + 7 = 10

$$+ 4 = 10$$

$$+ 8 = 10$$

$$^{29)}$$
 + 1 = 10

$$^{30)}$$
 + 5 = 10



Missing numbers double revision

$$^{31)}9 + = 18$$

$$^{32)}8 + = 16$$

$$^{33)}4 + = 8$$

$$^{34)} 5 + = 10$$

$$^{35)}$$
 2 + = 4

Rainbow facts revision

$$^{36)}$$
 9 + 1 =

$$^{37)}$$
 5 + 5 =

$$^{38)}$$
 3 + 7 =

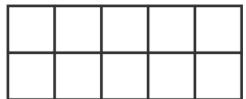
$$^{39)}6 + 4 =$$

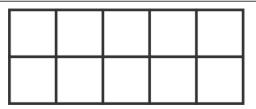
$$^{40)}$$
2 + 8 =

Name: Double +1: 7 [D]



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





Use ten frames. Do not use your fingers.

Double +1

$$^{1)}$$
 5 + 5 =

$$^{6)}$$
 8 + 8 =

$$^{3)}$$
 6 + 6 =

$$^{8)}$$
 7 + 7 =

$$^{4)}$$
 6 + 7 =

$$^{9)}$$
 7 + 8 =

$$^{5)}$$
 2 + 3 =

$$^{10)}$$
 3 + 4 =

Double revision

$$^{22)}$$
 7 + 7 =

$$^{23)}8 + 8 =$$

$$^{24)}$$
 5 + 5 =

Turn arounds

$$^{16)}$$
 5 + 5 =

$$^{12)}8 + 9 =$$

$$^{17)}$$
 5 + 6 =

$$^{18)}$$
 7 + 7 =

$$^{14)}$$
 4 + 5 =

$$^{15)}$$
 2 + 3 =

$$^{20)} 9 + 10 =$$

Rainbow facts revision

$$^{26)}$$
 + 1 = 10

$$+ 4 = 10$$

$$+ 8 = 10$$

$$^{29)}$$
 + 5 = 10

$$^{30)}$$
 + 7 = 10



Missing numbers double revision

$$^{31)} 2 + = 4$$

$$^{32)}8 + = 16$$

$$^{33)}5 + = 10$$

$$^{34)}$$
 4 + = 8

Rainbow facts revision

$$^{36)}$$
 2 + 8 =

$$^{37)}6 + 4 =$$

$$^{38)}$$
 3 + 7 =

$$^{39)}$$
 9 + 1 =

$$^{40)}$$
 5 + 5 =

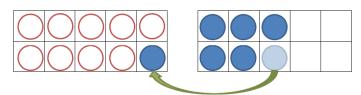
Name: Near ten (+9): 8 [A]



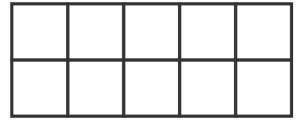
+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

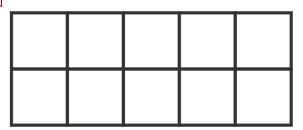
+9 "Near Ten" Strategy with Ten Frames

Plus 9 number facts are taught using a NEAR TEN strategy: encourage students to think of adding ten, and then subtracting one. The plus 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 right to the left makes the sum a simple "ten plus ones" question.



10+6=16 9+6=16-1 or 15





Use ten frames. Do not use your fingers.

+9 near ten

$$^{6)}$$
 8 + 10 =

$$^{12)} 9 + 3 =$$

$$^{4)}$$
 6 + 9 =

$$^{9)}$$
 7 + 9 =

$$^{14)}9 + 6 =$$

$$^{5)}$$
 2 + 9 =

$$^{15)} 9 + 7 =$$

Double revision

$$^{21)}$$
 + 4 = 10

$$+ 5 = 10$$

Addition revision

Missing number revision

$$^{28)}$$
 3 + = 7

$$^{29)}6 + = 15$$

Name: Near ten (+9): 8 [B]



	+	1	2	3	Rr	nbw	0&10	0	Db	ole	
				Τ				Γ			
	Г			Ť			1	Γ			

		 4	

Dble+1 9

Use ten frames. Do not use your fingers.

+9 near ten

$$^{6)}$$
 7 + 9 =

$$^{3)}$$
 6 + 9 =

$$^{8)}$$
 2 + 9 =

$$^{4)}$$
 4 + 9 =

$$^{9)}$$
 5 + 9 =

$$^{5)}$$
 8 + 9 =

$$^{10)} 9 + 9 =$$

Double revision

$$^{22)}$$
 7 + **7** =

$$^{23)}8 + 8 =$$

$$^{24)} 9 + 9 =$$

$$^{25)}$$
 5 + 5 =

Turn arounds

$$^{11)}9 + 5 =$$

$$^{16)} 9 + 0 =$$

$$^{12)} 9 + 8 =$$

$$^{13)} 9 + 6 =$$

$$^{14)} 9 + 10 =$$

$$^{15)} 9 + 2 =$$

$$^{20)}$$
 9 + 7 =

Double +1 revision

$$^{26)}$$
 7 + 8 =

$$^{27)}6 + 7 =$$

$$^{28)}$$
 5 + 6 =

$$^{30)}$$
 3 + 4 =

0.0



Revision

$$^{32)}$$
 7 + 10 =

$$^{35)}$$
 7 + 2 =

Revision

$$^{36)}$$
 10 + = 15

$$^{37)}$$
 3 + = 6

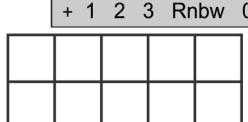
$$^{38)} 9 + = 18$$

$$^{39)} 2 + = 11$$

$$^{40)}6 + = 12$$

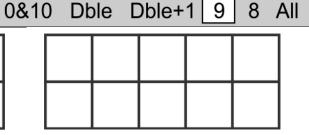
Name: Near ten (+9): 8 [C]





1

3



Use ten frames. Do not use your fingers.

+9 near ten

- $^{1)}$ 5 + 9 =
- $^{6)}$ 7 + 9 =
- $^{2)}$ 2 + 9 =
- $^{7)}$ 10 + 9 =
- 1 + 9 =
- 8) 3 + 9
- $^{4)}$ 8 + 9 =
- $^{9)}$ 9 + 9 =
- $^{5)}$ 6 + 9 =
- $^{10)}$ 4 + 9 =

Double revision

- $^{21)}8 + 8 =$
- $^{22)}$ 7 + 7 =
- 23) **Q**
- + 5

Turn arounds

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

Double +1 revision

- $^{26)}$ 3 + 4 =
- $^{27)}6 + 7 =$
- $^{28)}5 + 6 =$
- $^{29)}$ 7 + 8 =
- $^{30)}$ **4** + **5** =

©

••

Double +1 revision

$$^{31)}4 + 5 =$$

$$^{33)}6 + 7 =$$

$$^{35)}$$
 5 + 6 =

Rainbow facts revision

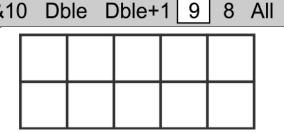
$$^{36)}$$
 + 8 = 10

$$^{38)}$$
 + 7 = 10

Name: Near ten (+9): 8 [D]



	+	1	2	3	Rnbw		0&10	0
	П			Т			1	Γ
_	L		_	+			-	L
							1	



Use ten frames. Do not use your fingers.

+9 near ten

$$^{6)}$$
 6 + 9 =

$$^{3)}$$
 9 + 9 =

$$^{8)}$$
 8 + 9 =

$$^{4)}$$
 2 + 9 =

$$^{9)}$$
 10 + 9 =

$$^{5)}$$
 5 + 9 =

$$^{10)}$$
 3 + 9 =

Double revision

$$^{23)}8 + 8 =$$

$$^{24)}5 + 5 =$$

$$^{25)}9 + 9 =$$

Turn arounds

$$^{12)} 9 + 9 =$$

$$^{13)} 9 + 3 =$$

$$^{18)} 9 + 7 =$$

$$^{14)} 9 + 6 =$$

Double +1 revision

$$^{26)}$$
 5 + 6 =

$$^{27)}6 + 7 =$$

$$^{30)}$$
 4 + 5 =

2



Double +1 revision

$$^{31)}9 + 10 =$$

$$^{32)}$$
 4 + 5 =

Rainbow facts revision

$$^{36)}6 + = 10$$

$$^{37)} 5 + = 10$$

$$^{38)} 2 + = 10$$

$$^{39)}3 + = 10$$

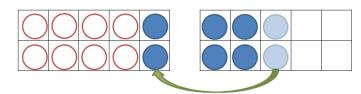
Name: Near ten (+8): 9 [A]



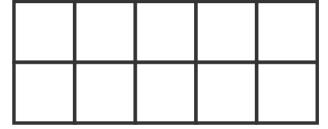
+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

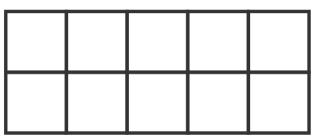
+8 "Near Ten" Strategy with Ten Frames

Plus 8 number facts are taught using a NEAR TEN strategy: encourage students to think of adding ten, and then subtracting two. The plus 8 strategy is easily illustrated using two ten frames and counters. Place 8 counters on the left-hand ten frame, the other number in the right-hand ten frame. The student should easily see that moving two counters from the right to the left makes the sum a simple "ten plus ones" question.



10+6=16 8+6=16-2 or 14





Use ten frames. Do not use your fingers.

+8 near ten

$$^{1)}$$
 5 + 10 =

$$^{2)}$$
 5 + 8 =

$$^{3)}$$
 6 + 10 =

$$^{4)}$$
 6 + 8 =

$$^{5)}$$
 2 + 8 =

$$^{10)}$$
 3 + 8 =

Double revision

$$^{11)}$$
 7 + 7 =

$$^{12)}9 + 9 =$$

$$^{13)}5 + 5 =$$

$$^{14)}8 + 8 =$$

$$^{15)}$$
4 + **4** =

Turn arounds

$$^{17)}8 + 6 =$$

$$^{18)}$$
 10 + 7 =

$$^{19)}8 + 7 =$$

$$^{20)}$$
 8 + 10 =

$$^{25)}8+0=$$

Revision

$$^{26)}$$
 10 + = 18

$$^{27)}$$
4 + = 8

$$^{28)}6 + = 12$$

$$^{29)}$$
 0 + = 5

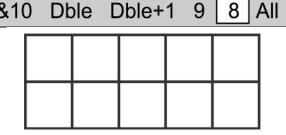
$$^{30)}$$
 3 + = 11



Name: Near ten (+8): 9 [B]



	+	1	2	3	Rnbw	0&10
	Т					1 [
\vdash	+	\dashv		+	+	┨╟



Use ten frames. Do not use your fingers.

+8 near ten

$$^{6)}$$
 3 + 8 =

$$^{3)}$$
 6 + 8 =

$$^{4)}$$
 0 + 8 =

$$^{5)}$$
 7 + 8 =

Double +1 revision

$$^{22)}$$
 7 + 8 =

$$^{23)}$$
 5 + 6 =

$$^{24)}6 + 7 =$$

$$^{25)}4 + 5 =$$

Turn arounds

$$^{11)}8 + 9 =$$

$$^{12)}8 + 5 =$$

$$^{13)}$$
 8 + 7 =

$$^{14)}8 + 6 =$$

$$^{15)} 8 + 3 =$$

$$^{20)}$$
8 + 10 =

Rainbow facts revision

$$^{26)} 9 + = 10$$

$$^{27)}$$
 5 + = 10

$$^{28)}$$
 3 + = 10

$$^{29)}2 + = 10$$

$$^{30)}6 + = 10$$

Revision

$$^{33)}6 + 10 =$$

Revision

$$^{36)} 10 + = 14$$

$$^{37)}$$
 2 + = 11

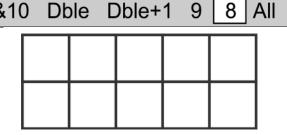
$$^{38)} 3 + = 6$$

$$^{39)} 7 + = 14$$

Name: Near ten (+8): 9 [C]



	+	1	2	3	Rnbw		0&10)
				Τ				
				Ť			1	Г



Use ten frames. Do not use your fingers.

+8 near ten

$$^{1)}$$
 7 + 8 =

$$^{6)}$$
 5 + 8 =

$$^{2)}$$
 6 + 8 =

$$^{8)}$$
 0 + 8 =

$$^{4)}$$
 3 + 8 =

$$9)$$
 10 + 8 =

$$^{5)}$$
 4 + 8 =

$$^{10)} 9 + 8 =$$

Double +1 revision

$$^{21)}6 + 7 =$$

$$^{22)}$$
 3 + 4 =

$$^{23)}$$
 5 + 6 =

$$^{24)}4 + 5 =$$

$$^{25)}$$
 7 + 8 =

Turn arounds

$$^{11)} 8 + 7 =$$

$$^{16)}$$
 8 + 6 =

$$^{12)}8 + 9 =$$

$$^{15)}$$
 8 + 5 =

$$^{20)}$$
8 + 10 =

Rainbow facts revision

$$^{26)}$$
 3 + = 10

$$^{27)} 2 + = 10$$

$$^{28)}6 + = 10$$

$$^{30)} 5 + = 10$$

Revision

$$^{35)}$$
 5 + 5 =

Revision

$$^{36)}$$
 2 + = 11

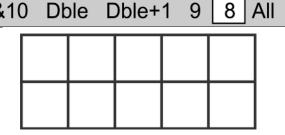
$$^{37)} 5 + = 10$$

$$^{38)} 10 + = 17$$

Name: Near ten (+8): 9 [D]



	+	1	2	3	Rnbw		0&10	0
				Τ]	Г
	H			\dagger	+			H



Use ten frames. Do not use your fingers.

+8 near ten

$$^{6)}$$
 6 + 8 =

$$^{2)}$$
 5 + 8 =

$$^{7)}$$
 0 + 8 =

$$^{3)}$$
 8 + 8 =

$$^{8)}$$
 7 + 8 =

$$^{9)}$$
 3 + 8 =

$$^{5)}$$
 9 + 8 =

$$^{10)}$$
 4 + 8 =

Double +1 revision

$$^{22)}4 + 5 =$$

$$^{23)}$$
 5 + 6 =

$$^{24)}$$
 7 + 8 =

$$^{25)}6 + 7 =$$

Turn arounds

$$^{11)}$$
8 + 10 =

$$^{12)} 8 + 2 =$$

$$^{13)}8 + 3 =$$

$$^{18)} 8 + 7 =$$

Rainbow facts revision

$$^{26)}6 + = 10$$

$$^{27)} 9 + = 10$$

$$^{28)} 5 + = 10$$

$$^{29)}2 + = 10$$

$$^{30)}$$
 3 + = 10

Revision

$$^{31)}$$
 2 + 1 =

$$^{32)}$$
 7 + 7 =

$$^{34)}$$
 3 + 0 =

Revision

$$^{36)} 9 + = 18$$

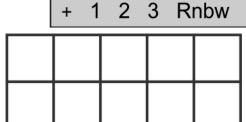
$$^{37)}6 + = 12$$

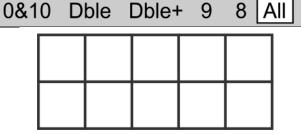
$$^{38)}3 + = 13$$

$$^{39)}4 + = 8$$

Name: Remaining facts & Revision: 10 [A]







Use ten frames. Do not use your fingers.

Remaining facts (7+4, 7+5)

$$^{1)}$$
 7 + 5 =

$$^{3)}$$
 7 + 5 =

$$^{8)}$$
 5 + 7 =

$$^{9)}$$
 4 + 7 =

$$^{10)} 5 + 7 =$$

Revision

$$^{11)}$$
 7 + = 15

$$^{12)} 9 + = 19$$

$$^{13)} 8 + = 16$$

$$^{14)} 8 + = 18$$





Double revision

Rainbow facts revision

$$^{21)}$$
 + 7 = 10

$$+ 8 = 10$$

$$^{23)}$$
 + 1 = 10

$$^{24)}$$
 + 4 = 10

$$+ 5 = 10$$

Revision

Revision

$$^{31)}$$
 10 + = 18

$$^{32)}6 + = 12$$

$$^{33)} 0 + = 5$$

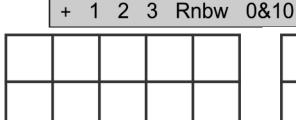
$$^{34)}$$
 4 + = 8

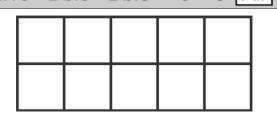
$$^{35)}3 + = 11$$

8 All

Name: Remaining facts & Revision: 10 [B]







Dble+

Use ten frames. Do not use your fingers.

Remaining facts (7+4, 7+5)

$$^{1)}$$
 7 + 4 =

$$^{6)}$$
 7 + 5 =

$$^{7)}$$
 5 + 7 =

$$^{3)}$$
 5 + 7 =

$$^{8)}$$
 7 + 4 =

$$^{4)}$$
 4 + 7 =

$$^{9)}$$
 4 + 7 =

$$^{5)}$$
 7 + 5 =

$$^{10)} 5 + 7 =$$

Revision

$$^{12)}7 + 8 =$$

$$^{13)} 9 + 7 =$$

$$^{14)} 7 + 7 =$$

Dble

$$^{15)}$$
 5 + 8 =





Double +1 revision

$$^{16)}$$
 5 + 6 =

$$^{18)}6 + 7 =$$

Rainbow facts revision

$$^{21)}$$
 + 7 = 10

$$+ 5 = 10$$

$$^{23)}$$
 + 1 = 10

$$^{25)}$$
 + 4 = 10

Revision

Revision

$$^{31)}8 + = 13$$

$$^{32)} 8 + = 14$$

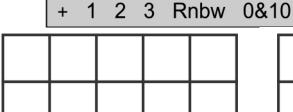
$$^{33)} 8 + = 17$$

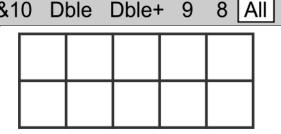
$$^{34)}8 + = 15$$

$$^{35)}$$
 8 + = 11

Name: Remaining facts & Revision: 10 [C]







Use ten frames. Do not use your fingers.

Remaining facts (7+4, 7+5)

$$^{1)}$$
 5 + 7 =

$$^{6)}$$
 4 + 7 =

$$^{2)}$$
 5 + 7 =

$$^{3)}$$
 4 + 7 =

$$^{4)}$$
 5 + 7 =

$$^{9)}$$
 7 + 4 =

$$^{5)}$$
 7 + 5 =

$$^{10)} 7 + 5 =$$

Revision

$$^{12)}6 + 3 =$$

$$^{13)} 8 + 6 =$$

$$^{14)}6 + 6 =$$





Double +1 revision

Rainbow facts revision

$$^{21)}$$
 3 + = 10

$$^{22)}6 + = 10$$

$$^{23)} 9 + = 10$$

$$^{24)} 5 + = 10$$

$$^{25)}$$
 2 + = 10

Revision

Revision

$$^{31)} 2 + = 11$$

$$^{32)}9 + = 18$$

$$^{33)}5 + = 10$$

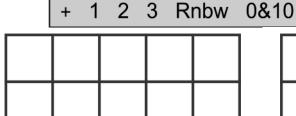
$$^{34)} 10 + = 17$$

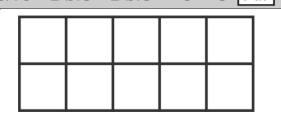
$$^{35)} 10 + = 14$$

8 All

Name: Remaining facts & Revision: 10 [D]







Dble+

Use ten frames. Do not use your fingers.

Remaining facts (7+4, 7+5)

$$^{6)}$$
 4 + 7 =

$$^{2)}$$
 5 + 7 =

$$^{7)}$$
 5 + 7 =

$$^{3)}$$
 7 + 4 =

$$^{4)}$$
 7 + 5 =

$$^{10)} 5 + 7 =$$

Revision

$$^{13)}$$
 7 + 6 =

Dble

$$^{14)}8 + 4 =$$

$$^{15)}6 + 6 =$$





Double +1 revision

$$^{20)}$$
 5 + 6 =

Rainbow facts revision

$$^{21)}5 + = 10$$

$$^{22)}3 + = 10$$

$$^{23)} 10 + = 10$$

$$^{24)}6 + = 10$$

$$^{25)}$$
 2 + = 10

Revision

Revision

$$^{31)} 9 + = 18$$

$$^{32)} 9 + = 15$$

$$^{33)} 9 + = 17$$

$$^{34)} 9 + = 16$$

$$^{35)} 9 + = 13$$



Checkup Worksheets



Checkup Worksheets

Checkup 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.

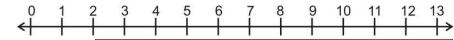
Name: Check Up A



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

Use the number line to help count on.

Do not use your fingers.



Count on 1

$$^{5)}$$
 0 + 1 =

Count on 2

$$^{12)}$$
 3 + 2 =

$$^{13)}$$
 1 + 2 =

$$^{14)}7 + 2 =$$

$$^{15)}$$
 0 + 2 =

Turn arounds

$$^{6)}$$
 1 + 10 =

$$^{10)}$$
 1 + 9 =

Turn arounds

$$^{17)}2 + 5 =$$

$$^{18)}$$
 2 + 9 =

$$^{19)}2 + 10 =$$

$$^{20)}$$
 2 + 7 =



Missing numbers

$$^{21)}$$
 + 1 = 5

$$+ 2 = 5$$

$$+ 2 = 3$$

$$^{25)}$$
 + 2 = 11

$$^{26)} 2 + = 2$$

$$^{27)}$$
 2 + = 12

$$^{29)} 2 + = 4$$

$$^{30)}$$
 1 + = 10





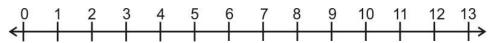
This worksheet is part of the Professor Pete's Classroom eBook "Let's Go! Addition Worksheets". This Check Up sheet should be used to assess students' progress after completing worksheet 2D.

Name: Check Up B



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

Use the number line. Use a ten frame.



Do not use your fingers.





Count on 3

$$^{1)}$$
 7 + 3 =

$$^{6)}$$
 1 + 3 =

$$^{2)}$$
 8 + 3 =

$$^{3)}$$
 10 + 3 =

$$^{4)}$$
 5 + 3 =

$$^{9)}$$
 0 + 3 =

$$^{10)}$$
 3 + 3 =

Rainbow facts missing numbers

$$^{21)}$$
 1 + = 10

$$^{22)} 2 + = 10$$

$$^{23)} 7 + = 10$$

$$^{24)}$$
4 + = 10

$$^{25)}$$
 5 + = 10

Turn arounds

$$^{11)} 3 + 0 =$$

$$^{16)}$$
 3 + 2 =

$$^{12)}3 + 7 =$$

$$^{17)}$$
 3 + 6 =

$$^{13)}$$
 3 + 9 =

$$^{14)}$$
 3 + 10 =

$$^{15)}$$
 3 + 1 =

Rainbow facts missing numbers

$$+ 6 = 10$$

$$+ 9 = 10$$

$$^{29)}$$
 + 3 = 10

$$^{30)}$$
 + 8 = 10

7

Revision

$$^{31)}0 + 2 =$$

$$^{32)}7 + 3 =$$

$$^{37)}$$
 1 + = 7

$$^{33)}3 + 2 =$$

$$^{38)}$$
 2 + = 12

$$^{34)} 5 + 2 =$$

$$^{39)} 2 + = 6$$

$$^{35)}$$
 1 + 3 =

$$^{40)}$$
 3 + = 9

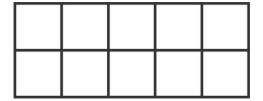
This worksheet is part of the Professor Pete's Classroom eBook "Let's Go! Addition Worksheets". This Check Up sheet should be used to assess students' progress after completing worksheet 4D.

Name: Check Up C



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

Use ten frames. Do not use your fingers.





+0, +10

$$^{1)}$$
 10 + 0 =

$$^{6)}$$
 9 + 0 =

$$^{7)}$$
 4 + 0 =

$$^{3)}$$
 7 + 10 =

$$^{4)} 9 + 10 =$$

$$^{9)}$$
 0 + 0 =

$$^{10)}$$
 1 + 0 =

Missing numbers

$$+ 10 = 17$$

$$+ 0 = 4$$

$$^{25)}$$
 + 10 = 20

Double

$$^{16)}6 + 6 =$$

$$^{12)} 7 + 7 =$$

$$^{17)} 9 + 9 =$$

$$^{13)}$$
 10 + 10 =

$$^{19)} 5 + 5 =$$

$$^{15)}$$
 2 + 2 =

Double missing numbers

$$^{26)}$$
8 + = 16

$$^{27)}$$
 7 + = 14

$$^{28)} 9 + = 18$$

$$^{30)} 5 + = 10$$

Missing numbers

$$^{31)}$$
 + 3 = 13

$$^{32)}$$
 + 10 = 17

$$^{33)}$$
 + 2 = 6

$$^{34)}$$
 + 0 = 10

$$^{35)}$$
 + 10 = 12

Rainbow facts revision

$$^{36)} 9 + = 10$$

$$^{37)}6 + = 10$$

$$^{38)} 2 + = 10$$

$$^{39)} 5 + = 10$$

$$^{40)}$$
 3 + = 10

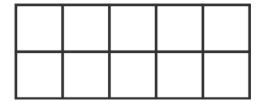
This worksheet is part of the Professor Pete's Classroom eBook "Let's Go! Addition Worksheets". This Check Up sheet should be used to assess students' progress after completing worksheet 6D.

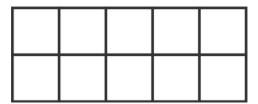
Name: Check Up D



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

Use ten frames. Do not use your fingers.





Double +1

$$^{1)}$$
 5 + 5 =

$$^{6)}$$
 8 + 8 =

$$^{7)}$$
 8 + 9 =

$$^{8)}$$
 7 + 7 =

$$^{4)}$$
 4 + 5 =

$$^{9)}$$
 7 + 8 =

$$^{5)}$$
 2 + 3 =

$$^{10)} 9 + 10 =$$

Revision

$$^{21)}$$
 5 + 6 =

$$^{23)}$$
 4 + 5 =

$$^{24)}$$
 7 + 8 =

$$^{25)}$$
 8 + 9 =

+9 near ten

$$^{16)}$$
 8 + 10 =

$$^{12)}$$
 5 + 9 =

$$^{17)}8 + 9 =$$

$$^{13)}6 + 10 =$$

$$^{18)}$$
 7 + 10 =

$$^{14)}6 + 9 =$$

$$^{19)} 7 + 9 =$$

$$^{15)}$$
 2 + 9 =

$$^{20)}$$
 3 + 9 =

+9 near ten

$$^{26)} 9 + 9 =$$

$$^{27)}5 + 9 =$$

$$^{28)}$$
 9 + 8 =

$$^{29)}6 + 9 =$$

$$^{30)} 9 + 7 =$$

Missing numbers

$$^{31)}$$
 + 1 = 10

$$^{32)} + 0 = 7$$

$$^{33)} + 3 = 10$$

$$^{35)}$$
 + 8 = 16

Rainbow facts revision

$$^{36)}$$
 2 + 8 =

$$^{37)}$$
 3 + 7 =

$$^{38)}5 + 5 =$$

$$^{39)}9 + 1 =$$

$$^{40)}6 + 4 =$$

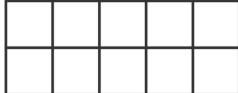
This worksheet is part of the Professor Pete's Classroom eBook "Let's Go! Addition Worksheets". This Check Up sheet should be used to assess students' progress after completing worksheet 8D.

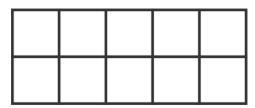
Name: Check Up E



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

Use ten frames. Do not use your fingers.





Remaining facts (7+4, 7+5)

$$^{1)}$$
 7 + 4 =

$$^{6)}$$
 5 + 7 =

$$^{3)}$$
 4 + 7 =

$$^{8)}$$
 5 + 7 =

$$^{4)}$$
 7 + 4 =

$$^{9)}$$
 7 + 5 =

$$^{5)}$$
 7 + 4 =

$$^{10)} 7 + 5 =$$

Missing number

$$+ 7 = 11$$

$$+ 7 = 12$$

$$+ 7 = 11$$

$$^{14)}$$
 + 7 = 11

$$+ 7 = 12$$





+8 near ten

$$^{20)}$$
8 + 0 =

$$^{22)} 9 + = 17$$

$$^{23)} 9 + = 16$$

$$^{24)} 9 + = 13$$

$$^{25)} 9 + = 18$$

Double +1 revision

Rainbow facts revision

$$^{31)}2 + = 10$$

$$^{32)} 5 + = 10$$

$$^{33)}6 + = 10$$

$$^{34)} 10 + = 10$$

$$^{35)} 3 + = 10$$

This worksheet is part of the Professor Pete's Classroom eBook "Let's Go! Addition Worksheets". This Check Up sheet should be used to assess students' progress after completing worksheet 10D.





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.

Homework Count on 1 (+1): 1 HW

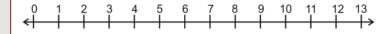


Information for Parents: "Count on One" Strategy

Plus One - "Count on One" Strategy

Students are familiar with the sequence of counting numbers and can mentally "count on" to the next number, and name it. For instance "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.

Use the number line below to help count on. Do not use your fingers.



Count on 1

Turn arounds

Missing numbers

$$^{21)}$$
 + 1 = 5

$$^{26)}$$
 1 + = 7

$$^{28)}$$
 1 + = 3

$$^{30)}$$
 1 + = 8

This worksheet is part of the Professor Pete's Classroom eBook "Let's Go! Addition Worksheets"

Homework Count on 2 (+2): 2 HW



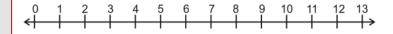
+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Information for Parents: "Count on Two" Strategy

Plus Two - "Count on Two" Strategy
Students are familiar with the sequence of counting numbers
and can mentally "count on two" skipping to the next number,
and name it. For instance "Seven" skip eight "Nine". It is
important to note that children should be discouraged from

and name it. For instance "Seven" skip eight "Nine". 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 skip count to the correct number.

Use the number line below to help count on. Do not use your fingers.



Count on 2

$$^{10)}$$
 10 + 2 =

Turn arounds

$$^{11)}2 + 0 =$$

$$^{13)}2 + 3 =$$

Missing numbers

$$+ 2 = 4$$

$$^{26)}$$
 2 + = 3

$$^{28)}$$
 1 + = 7

$$^{29)}2 + = 10$$

$$^{30)} 2 + = 7$$

Homework Count on 3 (+3): 3 HW



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

Information for Parents: "Count on Three" Strategy

Plus Three - "Count on Three" Strategy
Students are familiar with the sequence of counting numbers
and can mentally "count on three" skipping two numbers to the
next number, and name it. For instance "Seven" (skip eight,
nine) "Ten". 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 skip count to the correct
number.

Use the number line below to help count on. Do not use your fingers.



Count on 3

$$^{3)}$$
 7 + 3 =

Turn arounds

$$^{20)}$$
 3 + 3 =

Missing numbers

$$+ 3 = 10$$

$$^{24)}$$
 + 1 = 8

$$^{25)}$$
 + 2 = 4

$$^{26)}$$
 2 + = 3

$$^{27)}$$
 2 + = 6

$$^{28)}$$
 1 + = 4

$$^{29)}$$
 3 + = 8

$$^{30)}$$
 3 + = 7

Addition

All

Homework Rainbow Facts: 4 HW



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

Information for Parents: "Rainbow" Strategy

Rainbows Strategy

"Rainbow facts" are pairs of numbers whose sum is 10. These facts are very important for lots of later mental computation; an everyday use of these facts is in giving change. Students can be shown a rainbow graphic to illustrate the fact that the two numbers in each of these pairs equals 10:



Rainbows

$$^{4)}$$
 5 + 5 = $^{9)}$ 6 + 4 =

$$^{5)}$$
 0 + 10 = $^{10)}$ 3 + 7 =

Missing numbers

$$+ 6 = 10$$

$$+ 5 = 10$$

$$+ 9 = 10$$

Missing numbers

$$^{21)} 9 + = 10$$

$$^{23)}6 + = 10$$

$$^{24)} 8 + = 10$$

$$^{25)}$$
 2 + = 10

Revision

$$^{31)}2 + = 12$$

$$^{32)}$$
 3 + = 9

$$^{33)}3 + = 7$$

$$^{34)}$$
 1 + = 7

$$^{35)}$$
 2 + = 6

Special Cases (+0, +10): 5 HW



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

Information for Parents: Special Cases

+0

Plus 0 is a special case. 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.

+10

Plus 10 is also a special case because adding ten to a single digit number results in the associated teen number which has one ten and the number of ones; most teen numbers sound similar to the single digit number (eg, "six" and "sixteen").

+0, +10

$$^{1)}$$
 6 + 10 = $^{6)}$ 2 + 10 =

$$^{3)}$$
 9 + 0 = $^{8)}$ 1 + 0 =

$$^{5)}$$
 4 + 0 = $^{10)}$ 0 + 0 =

Turn arounds

$$^{11)} 0 + 1 = ^{16)} 0 + 0 =$$

$$^{(2)}$$
 10 + 4 = $^{(7)}$ 10 + 6 =

$$^{(3)}$$
 10 + 0 = $^{(8)}$ 0 + 3 =

$$^{15)} 0 + 10 = ___ ^{20)} 0 + 8 = ___ ^{20}$$

Missing numbers

$$^{21)}$$
 + 10 = 14

$$^{23)}$$
 + 10 = 11

$$^{26)} 0 + = 0$$

$$^{27)}$$
 0 + = 3

$$^{28)} 0 + = 9$$

$$^{29)} 0 + = 7$$

$$^{30)} 0 + = 5$$

Revision

$$^{32)}$$
 3 + 1 =

Rainbow facts revision

$$^{36)}$$
 + 4 = 10

$$^{37)}$$
 + 8 = 10

$$^{38)}$$
 + 5 = 10

$$^{39)}$$
 + 7 = 10

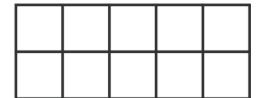
$$^{40)}$$
 + 1 = 10

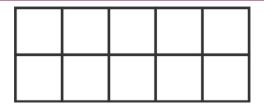
Homework Double: 6 HW



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

Information for Parents: Doubles





Use ten frames. Do not use your fingers.

Double

$$^{2)}$$
 7 + 7 = $^{7)}$ 9 + 9 =

Double missing numbers

$$+ 5 = 10$$

$$+ 9 = 18$$

$$+ 7 = 14$$

$$+ 3 = 6$$

Double missing numbers

$$^{16)} 8 + = 16$$

$$^{17)} 0 + = 0$$

$$^{18)} 2 + = 4$$

$$^{19)}4 + = 8$$

$$^{20)} 5 + = 10$$

Rainbow facts revision

$$^{21)} 9 + = 10$$

$$^{22)}5 + = 10$$

$$^{23)}$$
 3 + = 10

$$^{24)} 2 + = 10$$

$$^{25)}6 + = 10$$

Revision

$$^{26)}8 + = 18$$

$$^{27)} 9 + = 12$$

$$^{28)}$$
 4 + = 6

$$^{29)} 7 + = 17$$

$$^{30)} 7 + = 7$$

Revision

$$^{31)}$$
 1 + = 9

$$^{32)} 10 + = 16$$

$$^{33)}2 + = 11$$

$$^{34)}$$
 1 + = 4

$$^{35)}$$
 0 + = 6

Homework Double +1: 7 HW

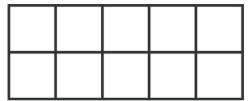


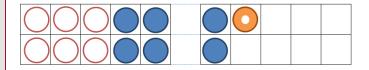
+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Information for Parents: Double +1

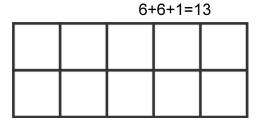
Double +1

These number facts are taught using aTHINK 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.





6+7=13



Use ten frames. Do not use your fingers.

Double +1

$$^{1)}$$
 9 + 9 =

$$^{6)}$$
 8 + 8 =

$$^{11)}8 + 8 =$$

$$^{16)}$$
 5 + 5 =

$$^{7)}$$
 8 + 9 =

$$^{12)}8 + 9 =$$

$$^{17)}$$
 5 + 6 =

$$^{3)}$$
 6 + 6 =

$$^{(3)}$$
 4 + 4 =

$$^{18)}$$
 7 + 7 =

$$^{4)}$$
 6 + 7 =

$$^{9)}$$
 5 + 6 =

$$^{14)}4 + 5 =$$

$$^{19)}$$
 7 + 8 =

$$^{5)}$$
 2 + 3 =

$$^{10)}$$
 3 + 4 =

$$^{15)}6 + 7 =$$

$$^{20)}$$
 4 + 3 =

Double revision

$$^{21)} 9 + 9 =$$

$$^{24)}5 + 5 =$$

$$^{25)}$$
 2 + 2 =

Rainbow facts revision

$$^{27)}$$
 5 + 5 =

$$^{28)}$$
 3 + 7 =

$$^{29)}6 + 4 =$$

$$^{30)}$$
 2 + 8 =

Revision

$$^{32)}$$
 5 + 3 =

Revision

$$^{33)} 0 + = 6$$

$$^{34)} 3 + = 8$$

Homework Near Ten (+9): 8 HW

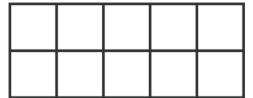


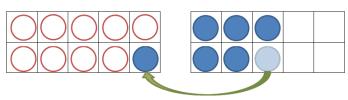
+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Information for Parents: +9 "near 10 facts"

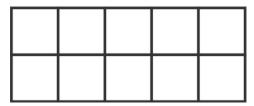
+9

Plus 9 number facts are taught using a NEAR TEN strategy: encourage students to think of adding ten, and then subtracting one. The plus 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 right to the left makes the sum a simple "ten plus ones" question.





10+6=16 9+6=16-1 or 15



Use ten frames. Do not use your fingers.

+9 near ten

$$^{6)}$$
 8 + 10 =

$$^{11)}$$
 10 + 8 =

$$^{16)}$$
 10 + 7 =

$$^{2)}$$
 5 + 9 =

$$^{7)}$$
 8 + 9 =

$$^{12)}9 + 8 =$$

$$^{17)} 9 + 7 =$$

$$^{3)}$$
 6 + 10 =

$$^{13)}$$
 10 + 5 =

$$^{18)}$$
 10 + 6 =

$$^{4)} 6 + 9 =$$

$$^{9)}$$
 7 + 9 =

$$^{14)}9 + 5 =$$

$$^{5)}$$
 2 + 9 =

$$^{10)}3 + 9 =$$

$$^{15)} 9 + 0 =$$

Double revision

$$^{21)} 9 + 9 =$$

$$^{22)}5 + 5 =$$

Rainbow facts revision

$$^{26)}$$
 + 4 = 10

$$^{29)}$$
 + 8 = 10

Revision

$$^{33)}$$
 3 + = 7

$$^{34)} 0 + = 9$$

Homework Near Ten (+8): 9 HW

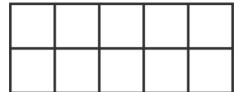


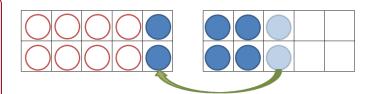
+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Information for Parents: +8 "near 10 facts"

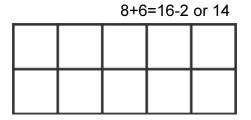
+8

Plus 8 number facts are taught using a NEAR TEN strategy: encourage students to think of adding ten, and then subtracting two. The plus 8 strategy is easily illustrated using two ten frames and counters. Place 8 counters on the left-hand ten frame, the other number in the right-hand ten frame. The student should easily see that moving two counters from the right to the left makes the sum a simple "ten plus ones" question.





10+6=16



Use ten frames. Do not use your fingers.

+8 near ten

$$^{6)}$$
 8 + 10 =

$$^{16)}$$
 10 + 4 =

$$^{7)}$$
 8 + 8 =

$$^{12)} 8 + 6 =$$

$$^{17)} 8 + 4 =$$

$$^{3)}$$
 6 + 10 =

$$^{13)}$$
 10 + 7 =

$$^{18)}$$
 10 + 6 =

$$^{4)}$$
 6 + 8 =

$$^{9)}$$
 7 + 8 =

$$^{14)}8 + 7 =$$

$$^{5)}$$
 2 + 8 =

$$^{10)}$$
 3 + 8 =

$$^{15)}8 + 10 =$$

$$^{20)} 8 + 0 =$$

Double revision

$$^{21)}$$
 7 + 7 =

$$^{26)}$$
 2 + 8 =

$$^{27)} 9 + 1 =$$

$$^{28)}$$
 3 + 7 =

$$^{29)}6 + 4 =$$

$$^{30)}$$
 5 + 5 =

Revision

Revision

$$^{33)}7 + = 11$$

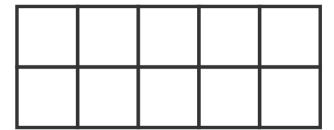
$$^{34)} 9 + = 14$$

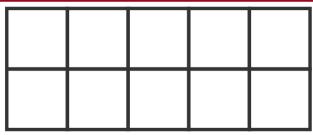
Homework Remaining facts & Revision: 10 HW



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

Information for Parents: Remaining Facts 7 + 4 = 11; 7 + 5 = 12





Use ten frames. Do not use your fingers.

Remaining facts (7+4, 7+5)

$$^{6)}$$
 7 + 4 =

$$^{2)}$$
 5 + 7 =

$$^{7)}$$
 5 + 7 =

$$^{3)}$$
 4 + 7 =

$$^{9)}$$
 4 + 7 =

$$^{5)}$$
 7 + 5 =

$$^{10)}$$
 7 + 5 =

Missing number

$$^{11)}4 + = 11$$

$$^{12)} 5 + = 12$$

$$^{13)} 5 + = 12$$

$$^{14)}4 + = 11$$

$$^{15)}4 + = 11$$

Double revision

$$^{20)}$$
 7 + 7 =

Rainbow facts revision

$$^{21)}$$
 + 7 = 10

$$+ 5 = 10$$

$$^{23)}$$
 + 1 = 10

$$+ 8 = 10$$

$$^{25)}$$
 + 4 = 10

Revision

Revision

$$^{30)} 10 + = 13$$

$$^{31)} 9 + = 13$$

$$^{32)} 9 + = 12$$

$$^{33)}8 + = 14$$



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.

Name: Count on 1 (+1): 1 [A]

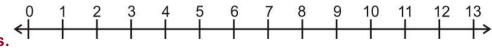


+123	Rnbw	0&10	Dble	Dble+1	9	8	All
------	------	------	------	--------	---	---	-----

Add One - "Count On" Strategy with a Number Line

Add 1 facts are taught using a COUNT ON strategy. A number line will help children to visualize this operation in which counting on 1 lands on the next number.

Use the number line to help you count on.
Do not count on your fingers.



Count on 1

6)
$$1 + 1 = 2$$

$$^{2)}$$
 10 + 1 = 11

$$^{7)}$$
 6 + 1 = 7

$$^{3)}$$
 2 + 1 = 3

$$^{8)}$$
 7 + 1 = 8

$$^{4)}$$
 5 + 1 = 6

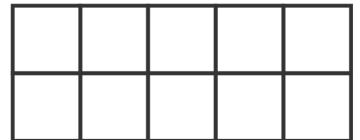
9)
$$3 + 1 = 4$$

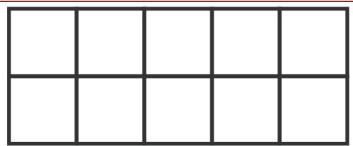
$$^{5)}$$
 4 + 1 = 5

$$^{10)} 0 + 1 = 1$$

Add One - "Count On" Strategy with Ten Frames

Have the students use a ten frame to help them with these count on one facts. Do not let the students count from one, rather, they should be able to subitize the number shown.





Use ten frames to help with these count on facts.

Count on 1

$$^{11)}6 + 1 = 7$$

$$^{16)}$$
 10 + 1 = 11

$$^{12)}3 + 1 = 4$$

$$^{17)}5 + 1 = 6$$

$$^{13)}4 + 1 = 5$$

$$^{18)}8 + 1 = 9$$

$$^{14)}2 + 1 = 3$$

$$^{19)} 9 + 1 = 10$$

$$^{15)}$$
 7 + 1 = 8

$$^{20)}$$
 1 + 1 = 2

Name: Count on 1 (+1): 1 [B]



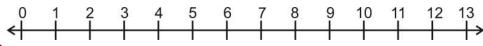
+1 2 3 Rnb	v 0&10	Dble	Dble+1	9	8	All
------------	--------	------	--------	---	---	-----

Add One Turn Arounds - "Count On" Strategy with a Number Line

Do not let students start on 1 then count on the added number. Rather, have the students find the larger number on the number line and count on one from there.

Use the number line to help you count on.





Count on 1 turn arounds

$$^{4)}$$
 1 + 3 = 4

$$^{5)}$$
 1 + 5 = 6

$$^{6)}$$
 1 + 0 = 1

$$^{\prime\prime}$$
 1 + 4 = 5

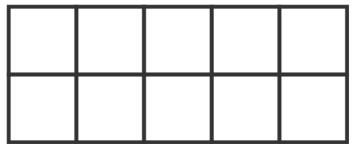
$$^{8)}$$
 1 + 8 = 9

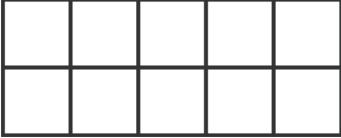
$$^{9)}$$
 1 + 7 = 8

$$^{10)}$$
 1 + 1 = 2

Add One - "Count On" Strategy with a Ten Frame

Have the students use a ten frame to help them with these count on one facts. Do not let the students count from one, rather, they should be able to subitize the number shown.





Use ten frames to help with these count on facts.

Count on 1 turn arounds

$$^{11)}1 + 0 = 1$$

$$^{16)}$$
 1 + 3 = 4

$$^{12)}1 + 4 = 5$$

$$^{1/)}1 + 1 = 2$$

$$^{13)}$$
 1 + 5 = 6

$$^{18)}$$
 1 + 7 = 8

$$^{14)}$$
 1 + 8 = 9

$$^{19)}$$
 1 + 2 = 3

$$^{15)}$$
 1 + 9 = 10

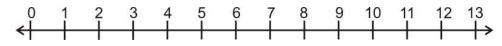
$$^{20)}$$
 1 + 6 = 7

Name: Count on 1 (+1): 1 [C]



+123	Rnbw	0&10	Dble	Dble+1	9	8	All
------	------	------	------	--------	---	---	-----

Use the number line to help count on.



Do not use your fingers.

Count on 1

$$^{1)}$$
 0 + 1 = 1

$$^{2)}$$
 7 + 1 = 8

$$^{3)}$$
 3 + 1 = 4

$$^{4)}$$
 4 + 1 = 5

$$^{5)}$$
 1 + 1 = 2

$$^{6)}$$
 8 + 1 = 9

$$^{7)}$$
 6 + 1 = 7

$$9) 9 + 1 = 10$$

$$^{10)} 5 + 1 = 6$$

Turn arounds

$$^{11)}1 + 7 = 8$$

$$^{12)}$$
1 + 6 = 7

$$^{13)}1 + 9 = 10$$

$$^{14)}$$
 1 + 4 = 5

$$^{15)}$$
 1 + 8 = 9

$$^{16)}$$
 1 + 10 = 11

$$^{17)}$$
 1 + 1 = 2

$$^{18)}$$
 1 + 0 = $^{\prime}$

$$^{19)}$$
1 + 2 = 3

$$^{20)}$$
 1 + 5 = 6



Missing numbers

$$^{21)}$$
 1 + 1 = 2

$$^{22)}$$
 7 + 1 = 8

$$^{23)}$$
 6 + 1 = 7

$$^{24)}$$
 5 + 1 = 6

$$9 + 1 = 10$$

$$^{26)}$$
 1 + 6 = 7

$$^{27)}$$
 1 + 5 = 6

$$^{28)}$$
 1 + 1 = 2

$$^{30)}$$
 1 + 4 = 5



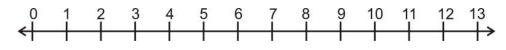


Name: Count on 1 (+1): 1 [D]



+12	3	Rnbw	0&10	Dble	Dble+1	9	8	All
-----	---	------	------	------	--------	---	---	-----

Use the number line to help count on.



Do not use your fingers.

Count on 1

$$^{1)}$$
 9 + 1 = 10

$$^{2)}$$
 7 + 1 = 8

$$^{3)}$$
 10 + 1 = 11

$$^{4)}$$
 0 + 1 = 1

$$^{5)}$$
 6 + 1 = 7

$$^{6)}$$
 8 + 1 = 9

$$^{7)}$$
 5 + 1 = 6

$$^{8)}$$
 4 + 1 = 5

$$^{9)}$$
 2 + 1 = 3

$$^{10)}$$
 3 + 1 = 4

Turn arounds

$$^{11)}1 + 2 = 3$$

$$^{12)}$$
 1 + 5 = 6

$$^{13)}$$
 1 + 4 = 5

$$^{14)}$$
 1 + 1 = 2

$$^{15)}$$
 1 + 7 = 8

$$^{16)}$$
 1 + 3 = 4

$$^{17)}$$
1 + 10 = 11

$$^{18)}$$
1 + 9 = 10

$$^{19)}$$
 1 + 8 = 9

$$^{20)}$$
 1 + 6 = 7

Missing numbers

$$^{21)}7 + 1 = 8$$

$$^{22)}$$
1 + 1 = 2

$$^{23)}2 + 1 = 3$$

$$^{24)}6 + 1 = 7$$

$$^{25)}$$
 10 + 1 = 11

$$^{26)}$$
 1 + 7 = 8

$$^{27)}$$
1 + 9 = 10

$$^{28)}$$
 1 + 1 = 2

$$^{29)}$$
 1 + 8 = 9

$$^{30)}$$
 1 + 10 = 11





Count on 2 (+2): Name: 2 [A]



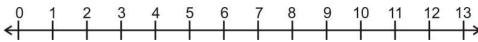
2 3 0&10 Rnbw Dble Dble+1 9 8 All

Add Two - "Count On" Strategy with a Number Line

Add 2 facts are taught using a COUNT ON strategy. A number line will help children to visualize this operation which "skips" one number and lands on the next one.

Use the number line to help you count on 2.





Count on 2

$$^{2)}$$
 0 + 2 = 2

$$^{3)}$$
 10 + 2 = 12

$$^{4)}$$
 5 + 2 = 7

$$^{5)}$$
 7 + 2 = 9

$$^{6)}$$
 3 + 2 = 5

$$^{7)}$$
 1 + 2 = 3

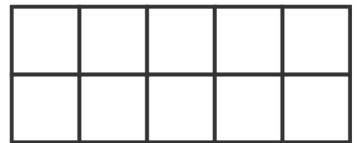
$$^{8)}$$
 9 + 2 = 11

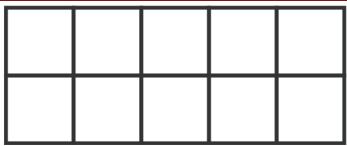
$$^{9)}$$
 2 + 2 = 4

$$^{10)}6 + 2 = 8$$

Add Two - "Count On" Strategy with Ten Frames

Have the students use a ten frame to help them with these count on two facts. Do not let the students count the remaining counters, rather, they should be able to subitize the number shown.





Use ten frames to help with these count on 2 facts.

Count on 2

$$^{11)}2 + 2 = 4$$

$$^{11)}2 + 2 = 4$$

$$^{\circ)}1 + 2 = \frac{3}{2}$$

$$^{12)}8 + 2 = 10$$

$$^{17)}6 + 2 = 8$$

$$^{13)}10 + 2 = 12$$

$$^{18)}0 + 2 = 2$$

$$^{14)}$$
 7 + 2 = 9

$$^{(19)}5 + 2 = 7$$

$$^{15)}4 + 2 = 6$$

$$^{20)} 9 + 2 = 11$$

Count on 2 (+2): Name: 2 [B]



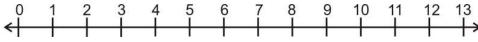
2 3 0&10 Dble 8 All Rnbw Dble+1 9

Add Two Turn Arounds - "Count On" Strategy with a Number Line

Do not let students start on 2 then count on the added number. Rather, have the students find the larger number on the number line and count on two from there.

Use the number line to help you count on 2.





Count on 2 turn arounds

$$^{1)}$$
 2 + 6 = 8

$$^{3)}$$
 2 + 2 = 4

$$^{4)} 2 + 9 = 11$$

$$^{5)}$$
 2 + 3 = 5

$$^{6)}$$
 2 + 8 = 10

$$^{7)}$$
 2 + 1 = 3

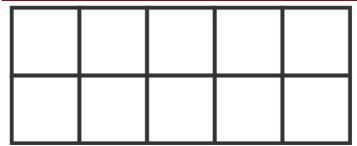
$$^{8)}$$
 2 + 7 = 9

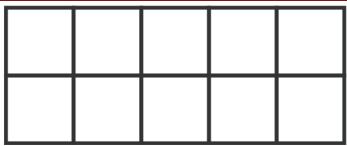
$$9) 2 + 10 = 12$$

$$^{10)}2 + 4 = 6$$

Add Two - "Count On" Strategy with a Ten Frame

Have the students use a ten frame to help them with these count on two facts. Do not let the students count from two, rather, subitize the number shown.





Use ten frames to help with these count on 2 facts.

Count on 2 turn arounds

$$^{11)}2 + 6 = 8$$

$$^{12)}2 + 8 = 10$$

$$^{13)}2 + 4 = 6$$

$$^{14)}2 + 9 = 11$$

$$^{16)}2 + 7 = 9$$

$$^{17)}2 + 5 = 7$$

$$10^{10}2 + 5 = \frac{7}{10}$$

$$^{18)}2 + 3 = 5$$

$$^{19)}2 + 0 = 2$$

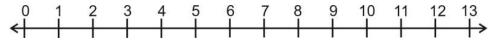
$$^{20)}2 + 1 = 3$$

Name: Count on 2 (+2): 2 [C]



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

Use the number line to help count on 2.



Do not use your fingers.

Count on 2

$$^{1)}$$
 6 + 2 = 8

$$^{6)}$$
 4 + 2 = 6

$$^{2)}$$
 10 + 2 = 12

$$^{7)}$$
 9 + 2 = 11

$$^{3)}$$
 0 + 2 = 2

$$^{8)}$$
 3 + 2 = 5

$$^{4)}$$
 1 + 2 = 3

$$^{9)}$$
 8 + 2 = 10

$$^{5)}$$
 7 + 2 = 9

$$^{10)}2 + 2 = 4$$

Addition missing numbers

$$^{22)}$$
 1 + 2 = 3

$$^{23)}$$
 6 + 2 = 8

$$^{24)}$$
 5 + 2 = 7

$$^{25)}$$
 3 + 2 = 5

Turn arounds

$$^{11)}2 + 6 = 8$$

$$^{16)}2 + 8 = 10$$

$$^{12)}2 + 7 = 9$$

$$^{17)}2 + 5 = 7$$

$$^{13)}2 + 10 = 12$$

$$^{18)}2 + 3 = 5$$

$$^{14)} 2 + 1 = 3$$

$$^{19)}2 + 0 = 2$$

$$^{15)}2 + 4 = 6$$

$$^{20)}2 + 2 = 4$$

Addition missing numbers

$$^{26)}$$
 2 + 2 = 4

$$^{27)}$$
 2 + 7 = 9

$$^{28)}$$
 2 + 1 = 3

$$^{29)}$$
 2 + 9 = 11

$$^{30)}$$
 2 + 4 = 6

Revision

$$^{31)}9 + 2 = 11$$

$$^{32)}6 + 2 = 8$$

$$^{33)}5 + 1 = 6$$

$$^{34)}9 + 1 = 10$$

$$^{35)}6 + 1 = 7$$

$$^{36)}2 + 5 = 7$$

$$^{37)} 1 + 0 = 1$$

$$^{38)}2 + 10 = 12$$

$$^{39)}2 + 7 = 9$$

$$^{40)}$$
1 + 9 = 10



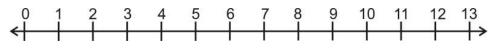


Name: Count on 2 (+2): 2 [D]



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

Use the number line to help count on 2.



Do not use your fingers.

Count on 2

$$^{1)}$$
 7 + 2 = 9

$$^{6)}$$
 6 + 2 = 8

$$^{2)}$$
 2 + 2 = 4

$$^{7)}$$
 8 + 2 = 10

$$^{3)}$$
 1 + 2 = 3

$$^{8)}$$
 0 + 2 = 2

$$^{4)}$$
 4 + 2 = 6

$$9)$$
 9 + 2 = 11

$$^{5)}$$
 10 + 2 = 12

$$^{10)}3 + 2 = 5$$

Addition missing numbers

$$^{21)}$$
 1 + 2 = 3

$$^{22)}$$
 6 + 2 = 8

$$^{23)}$$
 5 + 2 = 7

$$^{24)}$$
 3 + 2 = 5

$$^{25)}$$
 4 + 2 = 6

Turn arounds

$$^{11)}2 + 4 = 6$$

$$^{16)}2 + 5 = 7$$

$$^{12)}2 + 8 = 10$$

$$^{17)}2 + 3 = 5$$

$$^{13)}2 + 6 = 8$$

$$^{18)} 2 + 7 = 9$$

$$^{14)}2 + 10 = 12$$

$$^{19)}2 + 0 = 2$$

$$^{15)}2 + 1 = 3$$

$$^{20)}$$
 2 + 2 = 4

Addition missing numbers

$$^{26)}2 + 2 = 4$$

$$^{27)}$$
 2 + 4 = 6

$$^{28)}$$
 2 + 1 = 3

$$^{29)}2 + 9 = 11$$

$$^{30)} 2 + 7 = 9$$



Revision

$$^{31)}$$
 6 + 1 = 7

$$^{32)}$$
 5 + 1 = 6

$$^{33)}$$
 2 + 1 = 3

$$^{34)}$$
 3 + 2 = 5

$$^{35)}$$
 2 + 2 = 4

$$^{36)}$$
 2 + 6 = 8

$$^{37)}$$
 1 + 5 = 6

$$^{38)}$$
 1 + 7 = 8

$$^{39)}$$
 1 + 3 = 4

$$^{40)}$$
 2 + 1 = 3





Count on 3 (+3): Name: 3 [A]



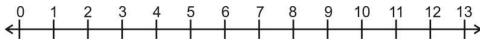
3 0&10 Rnbw Dble Dble+1 9 8 All

Add Three - "Count On" Strategy with a Number Line

Add 3 facts are taught using a COUNT ON strategy. A number line will help children to visualize this operation which "skips" two numbers and lands on the next one.

Use the number line to help you count on 3.





Count on 3

$$^{1)}$$
 10 + 3 = 13

$$^{2)}$$
 7 + 3 = 10

$$^{3)}$$
 3 + 3 = 6

$$^{4)}$$
 1 + 3 = 4

$$^{5)}$$
 5 + 3 = 8

$$^{6)}$$
 2 + 3 = 5

$$78 + 3 = 1$$

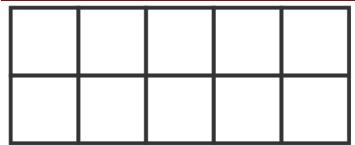
$$^{8)}$$
 6 + 3 = 9

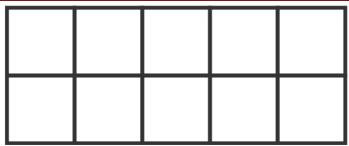
9)
$$0 + 3 = 3$$

$$^{10)}9 + 3 = 12$$

Add Three - "Count On" Strategy with a Ten Frame

Have the students use a ten frame to help them with these count on three facts. Do not let the students count the remaining counters, rather, they should be able to subitize the number shown.





Use ten frames to help with these count on 3 facts.

Count on 3

$$^{11)}0 + 3 = 3$$

$$^{1)}$$
 0 + 3 = 3

$$^{(2)}9 + 3 = 12$$

$$^{13)}$$
 10 + 3 = 13

$$^{14)}4 + 3 = 7$$

$$^{15)}2 + 3 = 5$$

$$^{16)}$$
 1 + 3 = 4

$$^{17)}7 + 3 = 10$$

$$^{20)}3 + 3 = 6$$

Count on 3 (+3): Name: 3 [B]



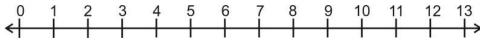
3 0&10 Dble 1 Rnbw Dble+1 9 8 All

Add Three Turn Arounds - "Count On" Strategy with a Number Line

Do not let students start on 3 then count on the added number. Rather, have the students find the larger number on the number line and count on three from there.

Use the number line to help you count on 3.





Count on 3 turn arounds

$$^{1)}$$
 3 + 9 = 12

$$^{2)}$$
 3 + 4 = $\frac{7}{}$

$$^{3)}$$
 3 + 6 = 9

$$^{4)}$$
 3 + 5 = 8

$$^{5)}$$
 3 + 1 = 4

$$^{6)}$$
 3 + 10 = 13

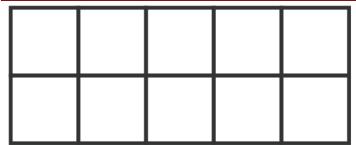
$$^{7)}$$
 3 + 7 = 10

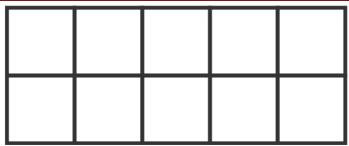
$$^{8)}$$
 3 + 0 = 3

$$^{10)}$$
 3 + 3 = 6

Add Three - "Count On" Strategy with a Ten Frame

Have the students use a ten frame to help them with these count on three facts. Do not let the students count from three, rather, subitize the number shown.





Use ten frames to help with these count on 3 facts.

Count on 3 turn arounds

$$^{11)}3 + 8 = 11$$

$$^{12)}3 + 9 = 12$$

$$^{13)}3 + 10 = 13$$

$$^{14)}3 + 3 = 6$$

$$^{15)}$$
 3 + 5 = 8

$$^{16)}$$
 3 + 2 = 5

$$^{17)}3 + 0 = 3$$

$$^{18)}$$
 3 + 1 = 4

$$^{19)}3 + 6 = 9$$

$$^{20)}$$
 3 + 4 = 7

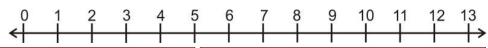
Name: Count on 3 (+3): 3 [C]



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

Use the number line to help count on 3.

Do not use your fingers.



Count on 3

$$^{1)}$$
 1 + 3 = 4

$$^{6)}$$
 10 + 3 = 13

$$^{2)}$$
 5 + 3 = 8

$$^{7)}$$
 0 + 3 = 3

$$^{3)}$$
 8 + 3 = 11

$$^{8)}$$
 6 + 3 = 9

$$^{4)}$$
 3 + 3 = 6

$$^{9)}$$
 2 + 3 = 5

$$^{5)}$$
 7 + 3 = 10

$$^{10)}4 + 3 = 7$$

Addition missing numbers

$$^{23)}4 + 3 = 7$$

$$^{24)}6 + 3 = 9$$

$$^{25)} 9 + 3 = 12$$

Turn arounds

$$^{11)}$$
 3 + 1 = 4

$$^{16)}$$
 3 + 5 = 8

$$^{12)}3 + 7 = 10$$

$$^{17)}3 + 9 = 12$$

$$^{13)}$$
 3 + 6 = 9

$$^{18)}3 + 0 = 3$$

$$^{14)}3 + 8 = 11$$

$$^{19)}3 + 2 = 5$$

$$^{15)}3 + 10 = 13$$

$$^{20)}3 + 3 = 6$$

Addition missing numbers

$$^{26)}$$
 3 + 6 = 9

$$^{27)}3 + 9 = 12$$

$$^{28)}$$
 3 + 0 = 3

$$^{29)}$$
 3 + 8 = 11

$$^{30)}$$
 3 + 3 = 6



Revision

$$^{31)}$$
 1 + 1 = 2

$$^{32)}$$
 7 + 1 = 8

$$^{33)}$$
 4 + 3 = 7

$$^{34)}$$
 2 + 3 = 5

$$^{35)}$$
 4 + 2 = 6

$$^{36)}2 + 4 = 6$$

$$^{37)}2 + 5 = 7$$

$$^{38)}$$
1 + 5 = 6

$$^{39)}2 + 9 = 11$$

$$^{40)}$$
 2 + 1 = 3





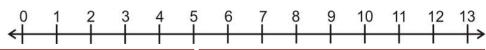
Name: Count on 3 (+3): 3 [D]



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

Use the number line to help count on 3.

Do not use your fingers.



Count on 3

$$^{1)}$$
 4 + 3 = 7

$$^{6)}$$
 6 + 3 = 9

$$^{2)}$$
 7 + 3 = 10

$$^{7)}$$
 5 + 3 = 8

$$^{3)}$$
 8 + 3 = 11

$$^{8)}$$
 1 + 3 = 4

$$^{4)}$$
 0 + 3 = 3

9)
$$10 + 3 = 13$$

$$^{5)}$$
 3 + 3 = 6

$$^{10)}2 + 3 = 5$$

Addition missing numbers

$$^{21)}$$
 $_{5}$ + 3 = 8

$$^{22)}$$
 1 + 3 = 4

$$^{23)}$$
 4 + 3 = 7

$$^{24)}$$
 6 + 3 = 9

$$^{25)}$$
 9 + 3 = 12

Turn arounds

$$^{11)}3 + 7 = 10$$

$$^{16)}$$
 3 + 3 = 6

$$^{12)}3 + 10 = 13$$

$$^{17)}3 + 2 = 5$$

$$^{13)}3 + 0 = 3$$

$$^{18)}3 + 9 = 12$$

$$^{14)}3 + 1 = 4$$

$$^{19)}3 + 5 = 8$$

$$^{15)}3 + 8 = 11$$

$$^{20)}$$
 3 + 6 = 9

Addition missing numbers

$$^{26)}$$
 3 + 3 = 6

$$^{27)}$$
 3 + 6 = 9

$$^{28)}$$
 3 + 0 = 3

$$^{29)}3 + 8 = 11$$

$$^{30)}3 + 9 = 12$$



Revision

$$^{31)}$$
 0 + 2 = 2

$$^{32)}$$
 6 + 3 = 9

$$^{33)}$$
 4 + 2 = 6

$$^{34)}$$
 1 + 2 = 3

$$^{35)}$$
 2 + 2 = 4

$$^{36)}$$
 2 + 5 = 7

$$^{37)}$$
 3 + 1 = 4

$$^{38)}$$
 1 + 8 = 9

$$^{39)}$$
 3 + 6 = 9

$$^{40)}$$
 1 + 4 = 5





Name: Rainbow Facts: 4 [A]

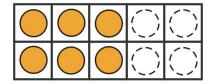


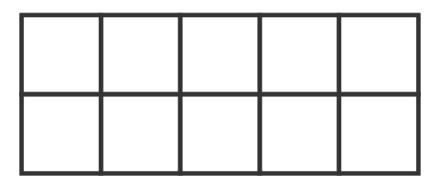
+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Rainbow Facts - "Pairs to Ten" Strategy with a Ten Frame

"Rainbow facts" are pairs of numbers whose sum is 10. These facts are very important for lots of later mental computation.

Have students place the first number on the ten frame. Have them fill the remaining spaces with counters of a different colour.





Students can be shown a rainbow graphic to illustrate the fact that the two numbers in each of these pairs equal 10:



Use a ten frame. Do not use your fingers.

Addition rainbow facts

$$^{1)}$$
 2 + 8 = 10

$$^{6)}$$
 0 + 10 = 10

$$^{2)}$$
 5 + 5 = 10

$$^{7)}$$
 8 + 2 = 10

$$^{3)}$$
 3 + 7 = 10

$$^{8)}$$
 6 + 4 = 10

$$^{4)}$$
 4 + 6 = 10

$$^{5)}$$
 1 + 9 = 10

$$^{10)}7 + 3 = 10$$

Count on 3 turn arounds

$$^{11)}3 + 8 = 11$$

$$^{16)}3 + 2 = 5$$

$$^{12)}3 + 9 = 12$$

$$^{17)}3 + 0 = 3$$

$$^{13)}3 + 10 = 13$$

$$^{18)}3 + 1 = 4$$

$$^{14)} 3 + 3 = 6$$

$$^{19)}3 + 6 = 9$$

$$^{15)}3 + 5 = 8$$

$$^{20)}$$
 3 + 4 = $\frac{7}{}$

Rainbow facts missing numbers

$$^{21)}$$
 1 + 9 = 10

$$^{22)}6 + 4 = 10$$

$$^{23)}0 + 10 = 10$$

$$^{24)}4 + 6 = 10$$

$$^{25)}$$
 7 + 3 = 10

$$^{26)}2 + 8 = 10$$

$$^{27)}5 + 5 = 10$$

$$^{28)}3 + 7 = 10$$

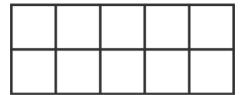
$$^{29)}4 + 6 = 10$$

$$^{30)}4 + 6 = 10$$

Name: Rainbow Facts: 4 [B]



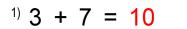
+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All





Use a ten frame. Do not use your fingers.

Addition missing numbers



$$^{6)}$$
 5 + 5 = 10

$$^{2)}$$
 8 + 2 = 10

Rainbow facts

$$^{7)}$$
 6 + 4 = 10

$$^{3)}$$
 7 + 3 = 10

$$^{8)}$$
 1 + 9 = 10

$$^{4)}$$
 2 + 8 = 10

$$9)$$
 9 + 1 = 10

$$^{5)}$$
 4 + 6 = 10

$$^{10)}0 + 10 = 10$$

$$\frac{1}{1} + 9 = 10$$

$$\frac{1}{12}$$
 $\frac{1}{2}$ $\frac{1$

$$\frac{2}{13} + 8 = 10$$

$$\frac{14)}{7} + 3 = 10$$

$$^{15)}$$
 5 + 5 = 10



Rainbow facts missing numbers

$$^{16)}$$
 0 + 10 = 10

$$^{17)}$$
 1 + 9 = 10

$$^{18)}$$
 4 + 6 = 10

$$^{19)}$$
 5 + 5 = 10

$$^{20)}$$
 7 + 3 = 10

Rainbow facts missing numbers

$$^{21)}2 + 8 = 10$$

$$^{22)}8 + 2 = 10$$

$$^{23)}6 + 4 = 10$$

$$^{24)} 9 + 1 = 10$$

$$^{25)}$$
 3 + 7 = 10

Revision

$$^{26)}$$
 9 + 2 = 11

$$^{31)}2 + 4 = 6$$

$$^{27)}$$
 2 + 2 = 4

$$^{32)} 2 + 2 = 4$$

$$^{28)}$$
 5 + 3 = 8

$$^{33)}3 + 6 = 9$$

$$^{29)}$$
 1 + 2 = 3

$$^{34)}1 + 5 = 6$$

$$^{30)}$$
 7 + 2 = 9

$$^{35)}$$
1 + 9 = 10

Name: Rainbow Facts: 4 [C]



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



Use a ten frame. Do not use your fingers. 1 2 3 4 5

= 10



Rainbow facts

$$^{3)}$$
 8 + 2 = 10 $^{8)}$ 2 + 8 = 10

$$^{5)}$$
 6 + 4 = $\frac{}{10}$

 $^{4)}$ 3 + 7 = 10

$$^{10)}7 + 3 = \overline{10}$$

Addition missing numbers

$$^{11)}1 + 9 = 10$$

$$^{12)}2 + 8 = 10$$

$$^{13)}5 + 5 = 10$$

$$^{14)}4 + 6 = 10$$

$$^{15)}7 + 3 = 10$$



Rainbow facts missing numbers

$$^{16)}$$
 4 + 6 = 10

$$^{17)}$$
 5 + 5 = 10

$$^{18)}$$
 1 + 9 = 10

$$^{19)}$$
 0 + 10 = 10

$$^{20)}$$
 7 + 3 = 10

Addition missing numbers

$$^{21)}3 + 7 = 10$$

$$^{22)}6 + 4 = 10$$

$$^{23)}2 + 8 = 10$$

$$^{24)}9 + 1 = 10$$

$$^{25)}$$
 5 + 5 = 10

Revision

$$^{26)}$$
 2 + **3** = **5**

$$^{27)}$$
 6 + 1 = 7

$$^{28)}$$
 6 + 2 = 8

$$^{29)}$$
 1 + 1 = 2

$$^{30)}$$
 2 + 1 = 3

$$^{31)}2 + 4 = 6$$

$$^{32)}3 + 6 = 9$$

$$^{33)}2 + 2 = 4$$

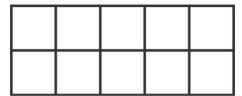
$$^{34)}1 + 5 = 6$$

$$^{35)}1 + 9 = 10$$

Name: Rainbow Facts: 4 [D]



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



1 2 3 4 5 6 7 8 9

Use a ten frame. Do not use your fingers.

Addition missing numbers



$$^{1)}$$
 7 + 3 = 10

$$^{6)}$$
 4 + 6 = 10

$$^{2)}$$
 0 + 10 = 10

$$^{7)}$$
 1 + 9 = 10

$$^{3)}$$
 2 + 8 = 10

$$^{8)}$$
 5 + 5 = 10

$$^{4)}$$
 6 + 4 = 10

$$9)$$
 3 + 7 = 10

$$^{5)}$$
 9 + 1 = 10

$$^{13)}$$
 1 + 9 = 10

$$^{14)}$$
 7 + 3 = 10

$$^{15)}$$
 4 + 6 = 10

Missing numbers

$$^{16)}$$
 7 + 3 = 10

$$^{19)}$$
 4 + 6 = 10

$$^{20)}$$
 0 + 10 = 10

Addition missing numbers

$$^{21)}6 + 4 = 10$$

$$^{23)}8 + 2 = 10$$

$$^{24)} 9 + 1 = 10$$

$$^{25)}$$
 3 + $_{7}$ = 10

Revision

$$^{26)}7 + 2 = 9$$

$$^{31)}$$
 1 + 9 = 10

$$^{27)}$$
1 + 2 = 3

$$^{32)}2 + 4 = 6$$

$$^{28)} 2 + 2 = 4$$

$$^{33)}3 + 6 = 9$$

$$^{29)}9 + 2 = 11$$

$$^{34)}2 + 2 = 4$$

$$^{30)} 5 + 3 = 8$$

$$^{35)}$$
 1 + 5 = 6

Special Cases (+0, +10): 5 [A]

PROFESSOR PETE'S

CLASSROOM

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

Plus 0 and plus 10 facts are SPECIAL CASES.

Adding zero - Talk to students about nothing at all to another number. That number does not change.

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.

+0, +10

$$^{1)}$$
 10 + 0 = 10

$$^{6)}$$
 9 + 0 = 9

$$^{2)}$$
 6 + 10 = 16

$$^{7)}$$
 4 + 0 = 4

$$^{3)}$$
 7 + 10 = 17

8)
$$2 + 10 = 12$$

$$^{4)}$$
 9 + 10 = 19

$$^{9)} 0 + 0 = 0$$

$$^{5)}$$
 10 + 10 = 20

$$^{10)}$$
 1 + 0 = 1

Addition missing numbers

$$^{21)}$$
 4 + 10 = 14

$$^{23)}$$
 0 + 10 = 10

$$^{24)}$$
 1 + 10 = 11

Turn arounds

$$^{11)} 0 + 0 = 0$$

$$^{16)}0 + 10 = 10$$

$$^{12)}0+1=1$$

$$^{17)} 10 + 6 = 16$$

$$^{13)}10 + 0 = 10$$

$$^{18)} 10 + 3 = 13$$

$$^{14)}0 + 3 = 3$$

$$^{19)} 10 + 10 = 20$$

$$^{15)}$$
 10 + 4 = 14

$$^{20)}$$
 0 + 8 = 8

Addition missing numbers

$$^{26)} 0 + 7 = 7$$

$$^{27)} 0 + 5 = 5$$

$$^{28)} 0 + 0 = 0$$

$$^{29)}0 + 9 = 9$$

$$^{30)} 0 + 3 = 3$$





Revision

$$^{31)}2 + 2 = 4$$

$$^{32)}3 + 1 = 4$$

$$^{33)}9 + 3 = 12$$

$$^{34)} 7 + 0 = 7$$

$$^{35)}8 + 1 = 9$$

Rainbow facts revision

$$^{36)}$$
 3 + 7 = 10

$$^{37)}$$
 6 + 4 = 10

$$^{38)}$$
 2 + 8 = 10

$$^{39)}$$
 9 + 1 = 10

$$^{40)}$$
 5 + 5 = 10

Special Cases (+0, +10): 5 [B]



PROFESSOR PETE'S CLASSROOM

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

+0, +10

$$^{1)}$$
 1 + 0 = 1

$$^{6)}$$
 2 + 10 = $\frac{12}{}$

$$^{2)}$$
 4 + 0 = 4

$$^{7)}$$
 7 + 10 = 17

$$^{3)}$$
 10 + 10 = 20

$$^{8)}$$
 6 + 10 = 16

$$^{4)} 9 + 0 = 9$$

$$^{9)} 0 + 0 = 0$$

$$^{5)}$$
 9 + 10 = 19

$$^{10)} 10 + 0 = 10$$

Addition missing numbers

$$^{21)}$$
 0 + 10 = 10

$$^{24)}$$
 2 + 10 = 12

Turn arounds

$$^{11)}10 + 0 = 10$$

$$^{16)}$$
 0 + 8 = 8

$$^{12)}10 + 10 = 20$$

$$^{17)}$$
 10 + 4 = 14

$$^{13)} 10 + 6 = 16$$

$$^{18)} 10 + 3 = 13$$

$$^{14)} 0 + 0 = 0$$

$$^{19)}0 + 10 = 10$$

$$^{15)}0 + 3 = 3$$

$$^{20)}$$
 0 + 1 = 1

Addition missing numbers

$$^{26)}0 + 3 = 3$$

$$^{27)} 0 + 9 = 9$$

$$^{28)} 0 + 7 = 7$$

$$^{29)} 0 + 5 = 5$$

$$^{30)} 0 + 0 = 0$$





Revision

$$^{31)}7 + 1 = 8$$

$$^{32)} 7 + 0 = 7$$

$$^{33)}8 + 2 = 10$$

$$^{34)}9 + 3 = 12$$

$$^{35)}4 + 2 = 6$$

Rainbow facts revision

$$^{36)}$$
 5 + 5 = 10

$$^{37)}$$
 2 + 8 = 10

$$^{38)}$$
 3 + 7 = 10

$$^{39)}$$
 9 + 1 = 10

$$^{40)}$$
 6 + 4 = 10





Special Cases (+0, +10): 5 [C]

PROFESSOR PETE'S CLASSROOM

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

+0, +10

$$^{1)}$$
 2 + 10 = 12

$$^{6)}$$
 9 + 10 = 19

$$^{2)}$$
 10 + 0 = 10

$$^{7)}$$
 4 + 0 = 4

$$^{3)}$$
 10 + 10 = 20

$$^{8)} 0 + 0 = 0$$

$$^{4)} 9 + 0 = 9$$

$$9)$$
 6 + 10 = 16

$$^{5)}$$
 1 + 0 = 1

$$^{10)}7 + 10 = 17$$

Missing numbers

$$^{23)}$$
 0 + 10 = 10

$$^{24)}$$
 2 + 10 = 12

$$^{25)}$$
 1 + 10 = 11

Turn arounds

$$^{11)}$$
 10 + 10 = 20

$$^{16)}0 + 10 = 10$$

$$^{12)} 10 + 4 = 14$$

$$^{17)}0 + 0 = 0$$

$$^{13)}0 + 3 = 3$$

$$^{18)} 10 + 6 = 16$$

$$^{14)}10 + 0 = 10$$

$$^{19)} 0 + 1 = 1$$

$$^{15)} 0 + 8 = 8$$

$$^{20)}$$
 10 + 3 = 13

Addition missing numbers

$$^{26)} 0 + 7 = 7$$

$$^{27)} 0 + 5 = 5$$

$$^{28)} 0 + 0 = 0$$

$$^{29)}0 + 9 = 9$$

$$^{30)} 0 + 3 = 3$$





Revision

$$^{31)}2 + 1 = 3$$

$$^{32)}3 + 1 = 4$$

$$^{33)}4 + 2 = 6$$

$$^{34)}6 + 2 = 8$$

$$^{35)}5 + 2 = 7$$

Rainbow facts revision

$$^{36)}$$
 3 + 7 = 10

$$^{37)}$$
 2 + 8 = 10

$$^{38)}$$
 9 + 1 = 10

$$^{39)}$$
 5 + 5 = 10

$$^{40)}$$
 6 + 4 = 10





Special Cases (+0, +10): 5 [D]



+ 1 2 3 Rnbw

0&10

Dble

Dble+1

9 8

All

+0, +10

$$^{1)} 0 + 0 = 0$$

$$^{6)}$$
 4 + 0 = 4

$$^{2)}$$
 9 + 10 = 19

$$^{7)}$$
 1 + 0 = 1

$$^{3)}$$
 2 + 10 = 12

$$^{8)}$$
 6 + 10 = 16

$$^{4)}$$
 10 + 0 = 10

$$9) 9 + 0 = 9$$

$$^{5)}$$
 10 + 10 = 20

$$^{10)}7 + 10 = 17$$

Addition missing numbers

$$^{22)}$$
 4 + 10 = 14

$$^{23)}$$
 8 + 10 = 18

$$^{24)}$$
 0 + 10 = 10

$$^{25)}$$
 1 + 10 = 11

Turn arounds

$$^{11)}10 + 3 = 13$$

$$^{16)} 0 + 1 = 1$$

$$^{12)}0 + 10 = 10$$

$$^{17)} 10 + 0 = 10$$

$$^{13)} 0 + 3 = 3$$

$$^{14)} 10 + 10 = 20$$

$$^{15)} 0 + 0 = 0$$

$$^{20)}$$
 0 + 8 = 8

Missing numbers

$$^{26)} 0 + 0 = 0$$

$$^{27)}$$
 0 + 3 = 3

$$^{28)} 0 + 5 = 5$$

$$^{29)} 0 + 7 = 7$$

$$^{30)} 0 + 9 = 9$$





Revision

$$^{31)}$$
 8 + 2 = 10

$$^{32)}$$
 10 + 2 = 12

$$^{33)}$$
 4 + 1 = 5

$$^{34)}$$
 6 + 1 = 7

$$^{35)}$$
 2 + 3 = 5

Rainbow facts revision

$$^{36)}6 + 4 = 10$$

$$^{37)}5 + 5 = 10$$

$$^{38)} 3 + 7 = 10$$

$$^{39)}2 + 8 = 10$$

$$^{40)} 9 + 1 = 10$$





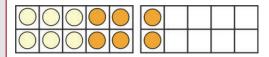
Double: Name: 6 [A]

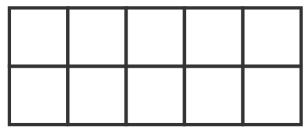


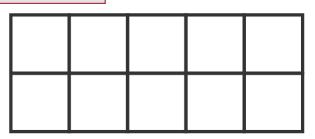
0&10 2 3 Rnbw Dble Dble+1 9 8 All

"Double" Strategy with Ten Frames

Have the students put out counters for the first number. Then, using a second colour, put out that number again. Different arrangements for the counters can be used. Do not let students count from one, rather, they should be able to subitize the number







Use ten frames. Do not use your fingers.

Double

¹⁾
$$10 + 10 = 20$$
 ⁶⁾ $3 + 3 = 6$

$$^{6)}$$
 3 + 3 = 6

$$^{2)}$$
 8 + 8 = 16

$$^{7)}$$
 4 + 4 = 8

$$^{3)}$$
 9 + 9 = 18

$$^{8)}$$
 5 + 5 = 10

$$^{4)}$$
 2 + 2 = 4

$$^{5)}$$
 7 + 7 = 14

$$^{10)}6 + 6 = 12$$

Double missing numbers

$$9 + 9 = 18$$

$$^{12)}$$
 5 + 5 = 10

$$^{13)}$$
 3 + 3 = 6

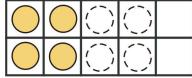
$$^{14)}$$
 8 + 8 = 16

$$^{15)}$$
 7 + 7 = 14

"Halve" Strategy with a Ten Frame

Have the students put out counters for the first number. Then, Have them remove half of them. The students will quickly be able to visualise the removal of half the counters on counters on the ten frame. Do not let students count the remaining counters from one, rather, they should be able to subitize the number shown.

8 - 4 = 4



Halving

$$^{16)} 10 - 5 = 5$$

$$^{21)} 10 - 5 = 5$$

$$^{17)} 2 - 1 = 1$$

$$^{22)}8 - 4 = 4$$

$$^{18)}6 - 3 = 3$$

$$^{23)}8-4=4$$

$$^{19)} 10 - 2 = 8$$

$$^{24)}6 - 3 = 3$$

$$^{20)}2-1=1$$

$$^{25)}4-2=2$$

Rainbow facts revision

$$^{26)}$$
 1 + 9 = 10

$$^{27)}5 + 5 = 10$$

$$^{28)}$$
 4 + 6 = 10

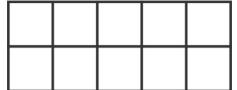
$$^{29)}0 + 10 = 10$$

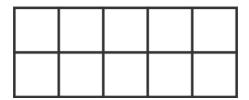
$$^{30)}7 + 3 = 10$$

Name: **Double:** 6 [B]



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





Use ten frames. Do not use your fingers.

Double

$$^{1)}$$
 4 + 4 = 8

$$^{6)}$$
 9 + 9 = 18

$$^{2)}$$
 5 + 5 = 10

$$^{7)}$$
 8 + 8 = 16

$$^{3)}$$
 7 + 7 = 14 $^{8)}$ 2 + 2 = 4

$$^{8)} 2 + 2 = 4$$

$$^{4)}$$
 3 + 3 = 6 $^{9)}$ 1 + 1 = 2

$$9)$$
 1 + 1 = 2

⁵⁾
$$10 + 10 = 20$$
 ¹⁰⁾ $6 + 6 = 12$

$$^{10)}6 + 6 = 12$$

Double missing numbers

$$9 + 9 = 18$$

$$^{13)}$$
 3 + 3 = 6

$$^{14)}$$
 7 + 7 = 14

$$^{15)}$$
 5 + 5 = 10





Missing numbers

$$^{16)}$$
 4 + 4 = 8

$$^{17)}$$
 5 + 5 = 10

$$^{19)}$$
 8 + 8 = 16

$$^{20)}$$
 10 + 10 = 20

Rainbow facts revision

$$^{21)}6 + 4 = 10$$

$$^{22)}5 + 5 = 10$$

$$^{23)} 9 + 1 = 10$$

$$^{24)}2 + 8 = 10$$

$$^{25)}$$
 3 + 7 = 10

Revision

$$^{26)}9 + 3 = 12$$

$$^{27)}4 + 2 = 6$$

$$^{28)}5 + 10 = 15$$

$$^{29)}$$
 1 + 2 = 3

$$^{30)}6 + 0 = 6$$

Revision

$$^{31)}0 + 9 = 9$$

$$^{32)}6 + 6 = 12$$

$$^{33)}8 + 8 = 16$$

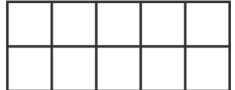
$$^{34)}3 + 8 = 11$$

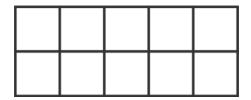
$$^{35)}$$
 1 + 6 = 7

Name: **Double:** 6 [C]



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





Use ten frames. Do not use your fingers.

Double

$$^{1)}$$
 4 + 4 = 8

$$^{6)}$$
 6 + 6 = 12

$$^{2)}$$
 1 + 1 = 2

$$^{2)}$$
 1 + 1 = 2 $^{7)}$ 9 + 9 = 18

$$^{3)}$$
 8 + 8 = 16 $^{8)}$ 7 + 7 = 14

$$^{8)} 7 + 7 = 14$$

$$^{4)}$$
 3 + 3 = 6

$$9) 5 + 5 = 10$$

$$^{5)}$$
 2 + 2 = 4

$$^{10)} 10 + 10 = 20$$

Double missing numbers

$$^{13)}$$
 5 + 5 = 10

$$^{14)}$$
 7 + 7 = 14

$$^{15)}$$
 9 + 9 = 18





Missing numbers

$$^{16)}$$
 8 + 8 = 16

$$^{17)}$$
 1 + 1 = 2

$$^{19)}$$
 5 + 5 = 10

$$^{20)}$$
 2 + 2 = 4

Rainbow facts revision

$$^{21)}$$
 8 + 2 = 10

$$^{22)}$$
 5 + 5 = 10

$$^{23)}$$
 6 + 4 = 10

$$^{24)}$$
 1 + 9 = 10

$$^{25)}$$
 3 + 7 = 10

Revision

$$^{26)}9 + 9 = 18$$

$$^{27)}5 + 10 = 15$$

$$^{28)}$$
 7 + 7 = 14

$$^{29)}$$
 10 + 2 = 12

$$^{30)}2 + 3 = 5$$

Revision

$$^{31)}3 + 7 = 10$$

$$^{32)}$$
 1 + 6 = 7

$$^{33)}0 + 3 = 3$$

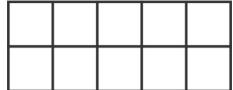
$$^{34)}$$
 10 + 6 = 16

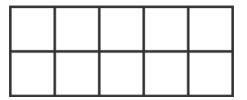
$$^{35)}2 + 9 = 11$$

Name: Double: 6 [D]



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





Use ten frames. Do not use your fingers.

Double

$$^{6)}$$
 5 + 5 = 10

$$^{2)}$$
 9 + 9 = 18

$$^{7)}$$
 7 + 7 = 14

$$^{3)}$$
 2 + 2 = 4

$$^{8)}$$
 6 + 6 = 12

$$^{4)}$$
 1 + 1 = 2

$$^{5)}$$
 10 + 10 = 20

$$^{10)}$$
 3 + 3 = 6

Double missing numbers

$$^{13)}$$
 3 + 3 = 6

$$^{14)}$$
 5 + 5 = 10

$$^{15)}$$
 7 + 7 = 14





Double missing numbers

$$^{16)}8 + 8 = 16$$

$$^{17)}$$
 1 + 1 = 2

$$^{18)}4 + 4 = 8$$

$$^{19)}2 + 2 = 4$$

$$^{20)}5 + 5 = 10$$

Rainbow facts revision

$$^{21)}5 + 5 = 10$$

$$^{22)}6 + 4 = 10$$

$$^{23)}3 + 7 = 10$$

$$^{24)}8 + 2 = 10$$

$$^{25)}$$
 10 + 0 = 10

Revision

$$^{26)}$$
 3 + 7 = 10

$$^{27)}2 + 5 = 7$$

$$^{28)}$$
 10 + 9 = 19

$$^{29)}$$
 2 + 7 = 9

$$^{30)}2 + 8 = 10$$

Revision

$$^{31)}2 + 5 = 7$$

$$^{32)}2 + 8 = 10$$

$$^{33)}3 + 7 = 10$$

$$^{34)}2 + 7 = 9$$

$$^{35)}$$
 10 + 9 = 19

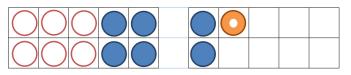
Name: Double +1: 7 [A]



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

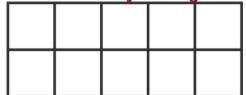
"Double +1" Strategy with Ten Frames

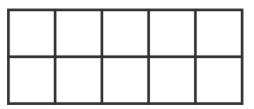
These number facts are taught using aTHINK OF DOUBLES strategy: once doubles are memorized, any double plus one fact is easily found by counting on one more. Double plus one facts are recognized by the pairing of two numbers that are consecutive counting numbers, their sum equalling double the smaller number plus one more.



6+7=13 6+6+1=13

Use ten frames. Do not use your fingers.





Double +1

$$^{6)}$$
 5 + 5 = 10

$$^{2)} 8 + 9 = 17$$

$$^{7)}$$
 5 + 6 = 11

$$^{3)}$$
 4 + 4 = 8

$$^{8)}$$
 7 + 7 = 14

$$^{4)}$$
 4 + 5 = 9

$$9)$$
 7 + 8 = 15

$$^{5)}$$
 2 + 3 = 5

$$^{10)}9 + 10 = 19$$

Double revision

$$^{21)}6 + 6 = 12$$

$$^{22)}7 + 7 = 14$$

$$^{23)}8 + 8 = 16$$

$$^{24)}5 + 5 = 10$$

$$^{25)}4 + 4 = 8$$

Turn arounds

$$^{11)}7 + 7 = 14$$

$$^{16)}5 + 5 = 10$$

$$^{12)}8 + 7 = 15$$

$$^{17)}6 + 5 = 11$$

$$^{13)}4 + 4 = 8$$

$$^{18)}8 + 8 = 16$$

$$^{14)} 5 + 4 = 9$$

$$^{19)}9 + 8 = 17$$

$$^{15)}$$
 3 + 2 = 5

$$^{20)}$$
 10 + 9 = 19

Rainbow facts revision

$$^{26)}$$
 9 + 1 = 10

$$^{27)}$$
 6 + 4 = 10

$$^{28)}$$
 2 + 8 = 10

$$^{29)}$$
 5 + 5 = 10

$$^{30)}$$
 3 + 7 = 10

Addition revision

$$^{31)}2 + 1 = 3$$

$$^{34)}$$
 1 + 1 = 2

$$^{32)}5 + 1 = 6$$

$$^{35)}3 + 2 = 5$$

$$^{33)} 9 + 0 = 9$$

$$^{36)} 5 + 0 = 5$$

Addition missing number revision

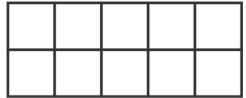
$$^{37)}2 + 9 = 11$$

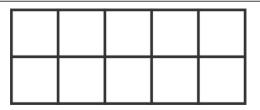
$$^{38)}$$
 1 + 9 = 10

$$^{39)}3 + 9 = 12$$

Name: Double +1: 7 [B]







Use ten frames. Do not use your fingers.

Double +1

$$^{1)}$$
 5 + 5 = 10

$$^{6)}$$
 4 + 4 = 8

$$^{2)}$$
 5 + 6 = 11

$$^{7)}$$
 4 + 5 = 9

$$^{3)}$$
 6 + 6 = 12

$$^{8)}$$
 7 + 7 = 14

$$^{4)} 6 + 7 = 13$$

$$^{5)}$$
 2 + 3 = 5

$$^{10)} 9 + 10 = 19$$

Double revision

$$^{21)}5 + 5 = 10$$

$$^{22)}7 + 7 = 14$$

$$^{23)}8 + 8 = 16$$

$$^{24)}6 + 6 = 12$$

$$^{25)}4 + 4 = 8$$

Turn arounds

$$^{11)}8 + 8 = 16$$

$$^{16)}6 + 6 = 12$$

$$^{12)}9 + 8 = 17$$

$$^{17)}7 + 6 = 13$$

$$^{13)}5 + 5 = 10$$

$$^{18)}$$
 7 + 7 = 14

$$^{14)}6 + 5 = 11$$

$$^{19)}8 + 7 = 15$$

$$^{15)}3 + 2 = 5$$

$$^{20)}$$
 5 + 4 = 9

Rainbow facts revision

$$^{26)}$$
 5 + 5 = 10

$$^{27)}$$
 2 + 8 = 10

$$^{28)}$$
 9 + 1 = 10

$$^{29)}$$
 3 + 7 = 10

$$^{30)}$$
 6 + 4 = 10



Missing numbers revision

$$^{31)}2 + 2 = 4$$

$$^{32)}8 + 8 = 16$$

$$^{33)}4 + 4 = 8$$

$$^{34)}9 + 9 = 18$$

$$^{35)}5 + 5 = 10$$

Rainbow facts revision

$$^{36)}3 + 7 = 10$$

$$^{37)}5 + 5 = 10$$

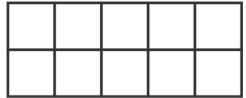
$$^{38)}2 + 8 = 10$$

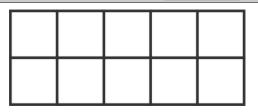
$$^{39)}6 + 4 = 10$$

$$^{40)} 9 + 1 = 10$$

Name: Double +1: 7 [C]







Use ten frames. Do not use your fingers.

Double +1

$$^{6)}$$
 8 + 8 = 16

$$^{2)}$$
 9 + 10 = 19

$$^{7)}$$
 8 + 9 = 17

$$^{3)}$$
 6 + 6 = 12

$$^{8)}$$
 5 + 5 = 10

$$^{4)}$$
 6 + 7 = 13

$$^{5)}$$
 2 + 3 = 5

$$^{10)}$$
 3 + 4 = 7

Double revision

$$^{21)}4 + 4 = 8$$

$$^{22)}7 + 7 = 14$$

$$^{23)}5 + 5 = 10$$

$$^{24)}8 + 8 = 16$$

$$^{25)}6 + 6 = 12$$

Turn arounds

$$^{11)}4 + 4 = 8$$

$$^{16)}8 + 8 = 16$$

$$^{12)}5 + 4 = 9$$

$$^{17)}9 + 8 = 17$$

$$^{13)}3 + 3 = 6$$

$$^{18)}$$
 7 + 7 = 14

$$^{14)}4 + 3 = 7$$

$$^{19)}8 + 7 = 15$$

$$^{15)}3 + 2 = 5$$

$$^{20)}7 + 6 = 13$$

Rainbow facts revision

$$^{26)}$$
 3 + 7 = 10

$$^{27)}$$
 6 + 4 = 10

$$^{28)}$$
 2 + 8 = 10

$$^{29)}$$
 9 + 1 = 10

$$^{30)}$$
 5 + 5 = 10



Missing numbers double revision

$$^{31)}9 + 9 = 18$$

$$^{32)}8 + 8 = 16$$

$$^{33)}4 + 4 = 8$$

$$^{34)}5 + 5 = 10$$

$$^{35)}2 + 2 = 4$$

Rainbow facts revision

$$^{36)} 9 + 1 = 10$$

$$^{37)}5 + 5 = 10$$

$$^{38)}3 + 7 = 10$$

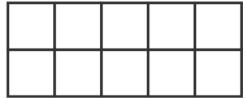
$$^{39)}6 + 4 = 10$$

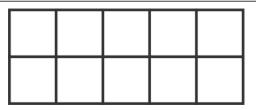
$$^{40)}2 + 8 = 10$$

Name: Double +1: 7 [D]



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





Use ten frames. Do not use your fingers.

Double +1

$$^{1)} 5 + 5 = 10$$

$$^{6)}$$
 8 + 8 = 16

$$^{2)}$$
 5 + 6 = 11

$$^{7)}$$
 8 + 9 = 17

$$^{3)}$$
 6 + 6 = 12

$$^{8)}$$
 7 + 7 = 14

$$^{4)}$$
 6 + 7 = 13

$$9)$$
 7 + 8 = 15

$$^{5)}$$
 2 + 3 = 5

$$^{10)}$$
 3 + 4 = 7

Double revision

$$^{21)}6 + 6 = 12$$

$$^{22)}7 + 7 = 14$$

$$^{23)}8 + 8 = 16$$

$$^{24)}5 + 5 = 10$$

$$^{25)}$$
 4 + 4 = 8

Turn arounds

$$^{11)}8 + 8 = 16$$

$$^{16)}5 + 5 = 10$$

$$^{12)}8 + 9 = 17$$

$$^{17)}5 + 6 = 11$$

$$^{13)}4 + 4 = 8$$

$$^{18)} 7 + 7 = 14$$

$$^{14)}4 + 5 = 9$$

$$^{19)}7 + 8 = 15$$

$$^{15)}2 + 3 = 5$$

$$^{20)}9 + 10 = 19$$

Rainbow facts revision

$$^{26)}$$
 9 + 1 = 10

$$^{27)}$$
 6 + 4 = 10

$$^{28)}$$
 2 + 8 = 10

$$^{29)}$$
 5 + 5 = 10

$$^{30)}$$
 3 + 7 = 10



Missing numbers double revision

$$^{31)}2 + 2 = 4$$

$$^{32)}8 + 8 = 16$$

$$^{33)}5 + 5 = 10$$

$$^{34)}4 + 4 = 8$$

$$^{35)}9 + 9 = 18$$

Rainbow facts revision

$$^{36)}2 + 8 = 10$$

$$^{37)}6 + 4 = 10$$

$$^{38)}3 + 7 = 10$$

$$^{39)}9 + 1 = 10$$

$$^{40)}5 + 5 = 10$$

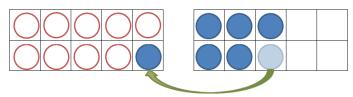
Name: Near ten (+9): 8 [A]



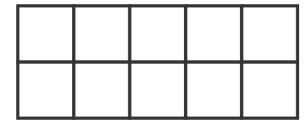
+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

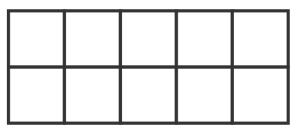
+9 "Near Ten" Strategy with Ten Frames

Plus 9 number facts are taught using a NEAR TEN strategy: encourage students to think of adding ten, and then subtracting one. The plus 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 right to the left makes the sum a simple "ten plus ones" question.



10+6=16 9+6=16-1 or 15





Use ten frames. Do not use your fingers.

+9 near ten

$$^{1)}$$
 5 + 10 = 15

$$^{6)}$$
 8 + 10 = 18

$$^{11)}9 + 4 = 13$$

$$^{2)}$$
 5 + 9 = 14

$$^{7)}$$
 8 + 9 = 17

$$^{12)}9 + 3 = 12$$

$$^{3)}$$
 6 + 10 = 16

$$^{8)}$$
 7 + 10 = 17

$$^{13)}9 + 5 = 14$$

$$^{4)}$$
 6 + 9 = 15

$$9)$$
 7 + 9 = 16

$$^{14)}9 + 6 = 15$$

$$^{5)}$$
 2 + 9 = 11

$$^{10)}3 + 9 = 12$$

$$^{15)} 9 + 7 = 16$$

Double revision

$$^{16)}9 + 9 = 18$$

$$^{17)}5 + 5 = 10$$

$$^{18)} 7 + 7 = 14$$

$$^{19)}8 + 8 = 16$$

$$^{20)}4 + 4 = 8$$

$$^{21)}$$
 6 + 4 = 10

$$^{22)}$$
 3 + 7 = 10

$$^{23)}$$
 9 + 1 = 10

$$^{24)}$$
 2 + 8 = 10

$$^{25)}$$
 5 + 5 = 10

Addition revision

$$^{26)}4 + 3 = 7$$

$$^{27)}3 + 2 = 5$$

Missing number revision

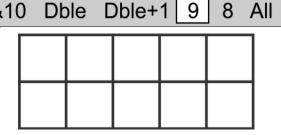
$$^{28)}$$
 3 + 4 = 7

$$^{29)}6 + 9 = 15$$

Name: **Near ten (+9):** 8 [B]



	+	1	2	3	Rnbw	0&10
	Г			Τ		1 Г
	L	_		+		↓



Use ten frames. Do not use your fingers.

+9 near ten

$$^{6)}$$
 7 + 9 = 16

$$^{2)}$$
 3 + 9 = 12

$$^{7)}$$
 1 + 9 = 10

$$^{3)}$$
 6 + 9 = 15

$$^{8)}$$
 2 + 9 = 11

$$^{4)}$$
 4 + 9 = 13

$$9)$$
 5 + 9 = 14

$$^{5)}$$
 8 + 9 = 17

$$^{10)}9 + 9 = 18$$

Double revision

$$^{21)}4 + 4 = 8$$

$$^{22)}7 + 7 = 14$$

$$^{23)}8 + 8 = 16$$

$$^{24)}9 + 9 = 18$$

$$^{25)}5 + 5 = 10$$

Turn arounds

$$^{11)}9 + 5 = 14$$

$$^{16)} 9 + 0 = 9$$

$$^{12)}9 + 8 = 17$$

$$^{17)}9 + 3 = 12$$

$$^{13)}9 + 6 = 15$$

$$^{18)} 9 + 4 = 13$$

$$^{14)}9 + 10 = 19$$

$$^{19)}9 + 9 = 18$$

$$^{15)} 9 + 2 = 11$$

$$^{20)} 9 + 7 = 16$$

Double +1 revision

$$^{26)}$$
7 + 8 = 15

$$^{27)}6 + 7 = 13$$

$$^{28)}$$
 5 + 6 = 11

$$^{29)}4 + 5 = 9$$

$$^{30)}3 + 4 = 7$$





Revision

$$^{31)}1 + 3 = 4$$

$$^{32)}7 + 10 = 17$$

$$^{33)}9 + 1 = 10$$

$$^{34)}4 + 10 = 14$$

$$^{35)}7 + 2 = 9$$

Revision

$$^{36)}$$
 10 + 5 = 15

$$^{37)}3 + 3 = 6$$

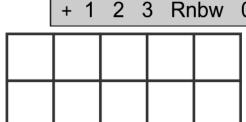
$$^{38)} 9 + 9 = 18$$

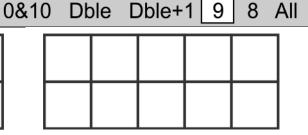
$$^{39)}2 + 9 = 11$$

$$^{40)}6 + 6 = 12$$

Name: Near ten (+9): 8 [C]







Use ten frames. Do not use your fingers.

+9 near ten

$$^{1)}$$
 5 + 9 = **14**

$$^{6)}$$
 7 + 9 = 16

$$^{2)}$$
 2 + 9 = 11

$$^{7)}$$
 10 + 9 = 19

$$^{3)}$$
 1 + 9 = 10

$$^{8)}$$
 3 + 9 = 12

$$^{4)}$$
 8 + 9 = 17

$$9) 9 + 9 = 18$$

$$^{5)}$$
 6 + 9 = 15

$$^{10)}4 + 9 = 13$$

Double revision

$$^{21)}8 + 8 = 16$$

$$^{22)}7 + 7 = 14$$

$$^{23)}9 + 9 = 18$$

$$^{24)}5 + 5 = 10$$

$$^{25)}4 + 4 = 8$$

Turn arounds

$$^{11)}9 + 3 = 12$$

$$^{16)} 9 + 5 = 14$$

$$^{12)}9 + 2 = 11$$

$$^{17)}9 + 0 = 9$$

$$^{13)}9 + 9 = 18$$

$$^{18)} 9 + 6 = 15$$

$$^{14)}9 + 8 = 17$$

$$^{19)}9 + 7 = 16$$

$$^{15)}9 + 10 = 19$$

Double +1 revision

$$^{26)}$$
 3 + 4 = 7

$$^{27)}6 + 7 = 13$$

$$^{28)}$$
 5 + 6 = 11

$$^{29)}7 + 8 = 15$$

$$^{30)}4 + 5 = 9$$

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Double +1 revision

$$^{31)}4 + 5 = 9$$

$$^{32)}3 + 4 = 7$$

$$^{33)}6 + 7 = 13$$

$$^{34)}7 + 8 = 15$$

$$^{35)}5 + 6 = 11$$

Rainbow facts revision

$$^{36)}$$
 2 + 8 = 10

$$^{37)}$$
 5 + 5 = 10

$$^{38)}$$
 3 + 7 = 10

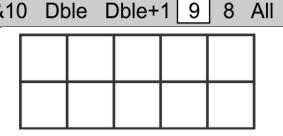
$$^{39)}$$
 9 + 1 = 10

$$^{40)}$$
 6 + 4 = 10

Name: **Near ten (+9):** 8 [D]



+	1	2	3	Rnbw	0&10
			T		1 Г
			┸		」



Use ten frames. Do not use your fingers.

+9 near ten

$$^{1)}$$
 4 + 9 = 13

$$^{6)}$$
 6 + 9 = 15

$$^{7)}$$
 1 + 9 = 10

$$^{3)} 9 + 9 = 18$$

$$^{8)}$$
 8 + 9 = 17

$$^{4)} 2 + 9 = 11$$

$$^{9)}$$
 10 + 9 = 19

$$^{5)}$$
 5 + 9 = 14

$$^{10)}3 + 9 = 12$$

Double revision

$$^{21)}7 + 7 = 14$$

$$^{22)}4 + 4 = 8$$

$$^{23)}8 + 8 = 16$$

$$^{24)}5 + 5 = 10$$

$$^{25)}9 + 9 = 18$$

Turn arounds

$$^{11)}9 + 10 = 19$$

$$^{16)} 9 + 5 = 14$$

$$^{12)}9 + 9 = 18$$

$$^{17)}9 + 8 = 17$$

$$^{13)}9 + 3 = 12$$

$$^{18)} 9 + 7 = 16$$

$$^{14)} 9 + 6 = 15$$

$$^{19)}9 + 2 = 11$$

$$^{15)}9 + 4 = 13$$

$$^{20)} 9 + 0 = 9$$

Double +1 revision

$$^{26)}$$
 5 + 6 = 11

$$^{27)}6 + 7 = 13$$

$$^{28)}$$
 3 + 4 = 7

$$^{29)}7 + 8 = 15$$

$$^{30)}4 + 5 = 9$$

••



Double +1 revision

$$^{31)}9 + 10 = 19$$

$$^{32)}$$
 4 + 5 = 9

$$^{33)}5 + 6 = 11$$

$$^{34)}7 + 8 = 15$$

$$^{35)}6 + 7 = 13$$

Rainbow facts revision

$$^{36)}6 + 4 = 10$$

$$^{37)}5 + 5 = 10$$

$$^{38)} 2 + 8 = 10$$

$$^{39)}3 + 7 = 10$$

$$^{40)}$$
 10 + 0 = 10

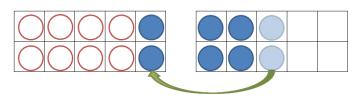
Name: Near ten (+8): 9 [A]



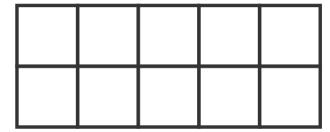
+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

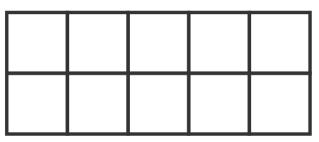
+8 "Near Ten" Strategy with Ten Frames

Plus 8 number facts are taught using a NEAR TEN strategy: encourage students to think of adding ten, and then subtracting two. The plus 8 strategy is easily illustrated using two ten frames and counters. Place 8 counters on the left-hand ten frame, the other number in the right-hand ten frame. The student should easily see that moving two counters from the right to the left makes the sum a simple "ten plus ones" question.



10+6=16 8+6=16-2 or 14





Use ten frames. Do not use your fingers.

+8 near ten

$$^{1)}$$
 5 + 10 = 15

$$^{6)}$$
 8 + 10 = 18

$$^{2)}$$
 5 + 8 = 13

$$^{7)}$$
 8 + 8 = 16

$$^{3)}$$
 6 + 10 = 16

$$^{8)}$$
 7 + 10 = 17

$$^{4)}$$
 6 + 8 = 14

$$9)$$
 7 + 8 = 15

$$^{5)}$$
 2 + 8 = 10

$$^{10)}3 + 8 = 11$$

Double revision

$$^{11)}$$
7 + 7 = 14

$$^{12)}9 + 9 = 18$$

$$^{13)}5 + 5 = 10$$

$$^{14)}8 + 8 = 16$$

$$^{15)}4 + 4 = 8$$

Turn arounds

$$^{16)} 10 + 6 = 16$$

$$^{21)}$$
 10 + 4 = 14

$$^{17)}8 + 6 = 14$$

$$^{22)}8 + 4 = 12$$

$$^{18)} 10 + 7 = 17$$

$$^{23)}$$
 10 + 6 = 16

$$^{19)}8 + 7 = 15$$

$$^{24)}8 + 6 = 14$$

$$^{20)}8 + 10 = 18$$

$$^{25)} 8 + 0 = 8$$

Revision

$$^{26)}$$
 10 + 8 = 18

$$^{27)}4 + 4 = 8$$

$$^{28)}6 + 6 = 12$$

$$^{29)}0 + 5 = 5$$

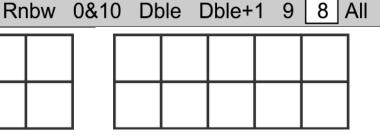
$$^{30)}$$
 3 + 8 = 11



Name: Near ten (+8): 9 [B]



1		
1		
1		
1		



Use ten frames. Do not use your fingers.

+8 near ten

$$^{1)}$$
 9 + 8 = 17

$$^{6)}$$
 3 + 8 = 11

$$^{2)}$$
 10 + 8 = 18

$$^{7)}$$
 5 + 8 = 13

$$^{3)}$$
 6 + 8 = 14

$$8)$$
 8 + 8 = 16

$$^{4)}$$
 0 + 8 = 8

$$^{9)}$$
 4 + 8 = 12

$$^{5)}$$
 7 + 8 = 15

$$^{10)}$$
 1 + 8 = 9

Double +1 revision

$$^{21)}$$
 3 + 4 = 7

$$^{22)}7 + 8 = 15$$

$$^{23)}5 + 6 = 11$$

$$^{24)}6 + 7 = 13$$

$$^{25)}4 + 5 = 9$$

Turn arounds

$$^{11)}8 + 9 = 17$$

$$^{16)}8 + 2 = 10$$

$$^{12)}8 + 5 = 13$$

$$^{17)}8 + 1 = 9$$

$$^{13)}8 + 7 = 15$$

$$^{18)}8 + 8 = 16$$

$$^{14)}8 + 6 = 14$$

$$^{19)}8 + 4 = 12$$

$$^{15)}8 + 3 = 11$$

$$^{20)}8 + 10 = 18$$

Rainbow facts revision

$$^{26)} 9 + 1 = 10$$

$$^{27)}5 + 5 = 10$$

$$^{28)}3 + 7 = 10$$

$$^{29)}2 + 8 = 10$$

$$^{30)}6 + 4 = 10$$

Revision

$$^{31)}4 + 10 = 14$$

$$^{32)} 9 + 1 = 10$$

$$^{33)}6 + 10 = 16$$

$$^{34)}$$
 1 + 3 = 4

$$^{35)}7 + 2 = 9$$

Revision

⊙⊙

$$^{36)}$$
 10 + 4 = 14

$$^{37)}2 + 9 = 11$$

$$^{38)}3 + 3 = 6$$

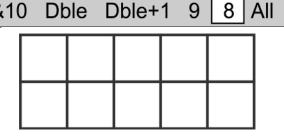
$$^{39)}7 + 7 = 14$$

$$^{40)}6 + 6 = 12$$

Name: **Near ten (+8):** 9 [C]



+	1	2	3	Rnbw	0&10
			T] [
					1 [



Use ten frames. Do not use your fingers.

+8 near ten

$$^{1)}$$
 7 + 8 = 15

$$^{6)}$$
 5 + 8 = 13

$$^{2)}$$
 6 + 8 = 14

$$^{7)}$$
 8 + 8 = 16

$$^{3)}$$
 1 + 8 = 9

$$^{8)}$$
 0 + 8 = 8

$$^{4)}$$
 3 + 8 = 11

$$^{9)}$$
 10 + 8 = 18

$$^{5)}$$
 4 + 8 = 12

$$^{10)}9 + 8 = 17$$

Double +1 revision

$$^{21)}6 + 7 = 13$$

$$^{22)}3 + 4 = 7$$

$$^{23)}$$
 5 + 6 = 11

$$^{24)}4 + 5 = 9$$

$$^{25)}7 + 8 = 15$$

Turn arounds

$$^{11)}8 + 7 = 15$$

$$^{16)}8 + 6 = 14$$

$$^{12)}8 + 9 = 17$$

$$^{17)}8 + 4 = 12$$

$$^{13)}8 + 1 = 9$$

$$^{18)}8 + 2 = 10$$

$$^{14)}8 + 8 = 16$$

$$^{19)}8 + 3 = 11$$

$$^{15)}8 + 5 = 13$$

Rainbow facts revision

$$^{26)}3 + 7 = 10$$

$$^{27)}2 + 8 = 10$$

$$^{28)}6 + 4 = 10$$

$$^{30)} 5 + 5 = 10$$

©©

Revision

$$^{31)}9 + 2 = 11$$

$$^{32)}$$
 4 + 4 = 8

$$^{33)}$$
 1 + 1 = 2

$$^{34)}3 + 3 = 6$$

$$^{35)}5 + 5 = 10$$

Revision

$$^{36)}2 + 9 = 11$$

$$^{37)}5 + 5 = 10$$

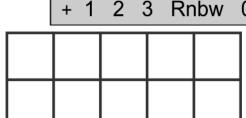
$$^{38)}$$
 10 + 7 = 17

$$^{39)}9 + 9 = 18$$

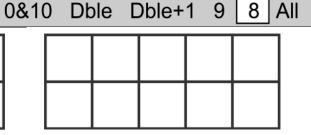
$$^{40)}$$
 10 + 4 = 14

Near ten (+8): Name: 9 [D]





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Use ten frames. Do not use your fingers.

+8 near ten

$$^{1)}$$
 10 + 8 = 18

$$^{6)}$$
 6 + 8 = 14

$$^{2)}$$
 5 + 8 = 13

$$^{7)}$$
 0 + 8 = 8

$$^{3)}$$
 8 + 8 = 16

$$^{8)}$$
 7 + 8 = 15

$$9)$$
 3 + 8 = 11

$$^{5)}$$
 9 + 8 = 17

$$^{10)}4 + 8 = 12$$

Double +1 revision

$$^{21)}$$
 3 + 4 = 7

$$^{22)}4 + 5 = 9$$

$$^{23)}5 + 6 = 11$$

$$^{24)}7 + 8 = 15$$

$$^{25)}6 + 7 = 13$$

Turn arounds

$$^{11)}8 + 10 = 18$$

$$^{16)}8 + 1 = 9$$

$$^{12)}8 + 2 = 10$$

$$^{17)}8 + 5 = 13$$

$$^{13)}8 + 3 = 11$$

$$^{18)}8 + 7 = 15$$

$$^{14)}8 + 4 = 12$$

$$^{19)}8 + 9 = 17$$

$$^{15)}8 + 8 = 16$$

$$^{20)}8 + 6 = 14$$

Rainbow facts revision

$$^{26)}6 + 4 = 10$$

$$^{27)} 9 + 1 = 10$$

$$^{28)} 5 + 5 = 10$$

$$^{29)}2 + 8 = 10$$

$$^{30)}$$
 3 + 7 = 10

©©)

Revision

$$^{31)}2 + 1 = 3$$

$$^{32)}7 + 7 = 14$$

$$^{33)}3 + 3 = 6$$

$$^{34)}3 + 0 = 3$$

$$^{35)}8 + 8 = 16$$

Revision

$$^{36)} 9 + 9 = 18$$

$$^{37)}6 + 6 = 12$$

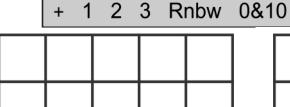
$$^{38)}3 + 10 = 13$$

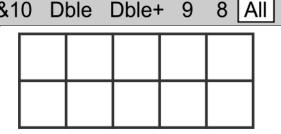
$$^{39)}4 + 4 = 8$$

$$^{40)}2 + 8 = 10$$

Name: Remaining facts & Revision: 10 [A]







9

Use ten frames. Do not use your fingers.

Remaining facts (7+4, 7+5)

$$^{6)}$$
 5 + 7 = 12

$$^{7)}$$
 4 + 7 = 11

$$^{3)}$$
 7 + 5 = 12

$$^{8)}$$
 5 + 7 = 12

$$^{4)}$$
 7 + 4 = 11

$$9)$$
 4 + 7 = 11

$$^{5)}$$
 7 + 4 = 11

$$^{10)} 5 + 7 = 12$$

Revision

$$^{11)}7 + 8 = 15$$

$$^{12)} 9 + 10 = 19$$

$$^{13)}8 + 8 = 16$$

$$^{14)}8 + 10 = 18$$

$$^{15)} 9 + 7 = 16$$





Double revision

$$^{16)}4 + 4 = 8$$

$$^{17)}8 + 8 = 16$$

$$^{18)} 5 + 5 = 10$$

$$^{19)}7 + 7 = 14$$

$$^{20)} 9 + 9 = 18$$

Rainbow facts revision

$$^{21)}$$
 3 + 7 = 10

$$^{22)}$$
 2 + 8 = 10

$$^{24)}$$
 6 + 4 = 10

$$^{25)}$$
 5 + 5 = 10

Revision

$$^{26)}8 + 9 = 17$$

$$^{27)}6 + 3 = 9$$

$$^{28)}3 + 4 = 7$$

$$^{29)}4 + 5 = 9$$

$$^{30)}2 + 10 = 12$$

Revision

$$^{31)} 10 + 8 = 18$$

$$^{32)}6 + 6 = 12$$

$$^{33)}0 + 5 = 5$$

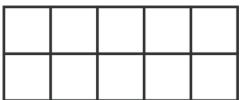
$$^{34)}4 + 4 = 8$$

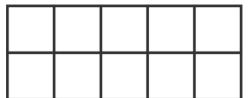
$$^{35)}3 + 8 = 11$$

Name: Remaining facts & Revision: 10 [B]



	-	+	1	2	3	Rnbw	0&10	Dble	Dble+	9	8 All
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Use ten frames. Do not use your fingers.

Remaining facts (7+4, 7+5)

$$^{1)}$$
 7 + 4 = 11

$$^{6)}$$
 7 + 5 = 12

$$^{2)}$$
 7 + 4 = 11

$$^{7)}$$
 5 + 7 = 12

$$^{3)}$$
 5 + 7 = 12

$$^{8)}$$
 7 + 4 = 11

$$^{4)}$$
 4 + 7 = 11

$$9)$$
 4 + 7 = 11

$$^{5)}$$
 7 + 5 = 12

$$^{10)} 5 + 7 = 12$$

Revision

$$^{11)}$$
7 + 4 = 11

$$^{12)}7 + 8 = 15$$

$$^{13)}9 + 7 = 16$$

$$^{14)}7 + 7 = 14$$

$$^{15)}5 + 8 = 13$$





Double +1 revision

$$^{16)}5 + 6 = 11$$

$$^{17)}7 + 8 = 15$$

$$^{18)}6 + 7 = 13$$

$$^{19)}$$
 3 + 4 = 7

$$^{20)}4 + 5 = 9$$

Rainbow facts revision

$$^{21)}$$
 3 + 7 = 10

$$^{22)}$$
 5 + 5 = 10

$$9 + 1 = 10$$

$$^{24)}$$
 2 + 8 = 10

$$^{25)}$$
 6 + 4 = 10

Revision

$$^{26)} 9 + 9 = 18$$

$$^{27)}$$
 7 + 9 = 16

$$^{28)}8 + 9 = 17$$

$$^{29)}3 + 9 = 12$$

$$^{30)}4 + 9 = 13$$

Revision

$$^{31)}8 + 5 = 13$$

$$^{32)}8 + 6 = 14$$

$$^{33)}8 + 9 = 17$$

$$^{34)}8 + 7 = 15$$

$$^{35)}8 + 3 = 11$$

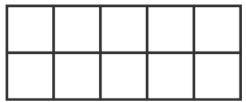
8 All

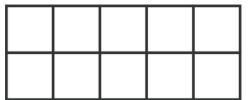
9

Name: Remaining facts & Revision: 10 [C]









Use ten frames. Do not use your fingers.

Remaining facts (7+4, 7+5)

$$^{1)}$$
 5 + 7 = 12

$$^{6)}$$
 4 + 7 = 11

$$^{2)}$$
 5 + 7 = 12

$$^{7)}$$
 7 + 4 = 11

$$^{3)}$$
 4 + 7 = 11

$$^{8)}$$
 7 + 4 = 11

$$^{4)}$$
 5 + 7 = 12

$$9)$$
 7 + 4 = 11

$$^{5)}$$
 7 + 5 = 12

$$^{10)}$$
 7 + 5 = 12

Revision

$$^{11)}8 + 8 = 16$$

$$^{12)}6 + 3 = 9$$

$$^{13)}8 + 6 = 14$$

$$^{14)}6 + 6 = 12$$

$$^{15)}$$
 7 + 10 = 17





Double +1 revision

$$^{16)}6 + 7 = 13$$

$$^{17)}5 + 6 = 11$$

$$^{18)}4 + 5 = 9$$

$$^{19)}7 + 8 = 15$$

$$^{20)}$$
 3 + 4 = 7

Rainbow facts revision

$$^{21)}3 + 7 = 10$$

$$^{22)}6 + 4 = 10$$

$$^{23)}9 + 1 = 10$$

$$^{24)}5 + 5 = 10$$

$$^{25)}2 + 8 = 10$$

Revision

$$^{26)}$$
 1 + 1 = 2

$$^{27)}5 + 5 = 10$$

$$^{28)} 9 + 2 = 11$$

$$^{29)}$$
 4 + 4 = 8

$$^{30)}3 + 3 = 6$$

Revision

$$^{31)}2 + 9 = 11$$

$$^{32)}9 + 9 = 18$$

$$^{33)}5 + 5 = 10$$

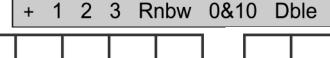
$$^{34)}$$
 10 + 7 = 17

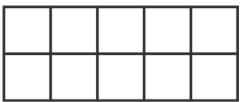
$$^{35)}$$
 10 + 4 = 14

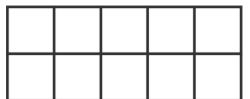
8 All

Name: Remaining facts & Revision: 10 [D]









Dble+

9

Use ten frames. Do not use your fingers.

Remaining facts (7+4, 7+5)

$$^{1)}$$
 7 + 4 = 11

$$^{6)}$$
 4 + 7 = 11

$$^{2)}$$
 5 + 7 = 12

$$^{7)}$$
 5 + 7 = 12

$$^{3)}$$
 7 + 4 = 11

$$^{8)}$$
 4 + 7 = 11

$$^{4)}$$
 7 + 5 = 12

$$^{9)}$$
 7 + 4 = 11

$$^{5)}$$
 7 + 5 = 12

$$^{10)}5 + 7 = 12$$

Revision

$$^{11)}7 + 8 = 15$$

$$^{12)}10 + 5 = 15$$

$$^{13)}7 + 6 = 13$$

$$^{14)}8 + 4 = 12$$

$$^{15)}6 + 6 = 12$$





Double +1 revision

$$^{16)}6 + 7 = 13$$

$$^{17)}7 + 8 = 15$$

$$^{18)} 9 + 10 = 19$$

$$^{19)}4 + 5 = 9$$

$$^{20)}$$
 5 + 6 = 11

Rainbow facts revision

$$^{21)} 5 + 5 = 10$$

$$^{22)}3 + 7 = 10$$

$$^{23)}$$
 10 + 0 = 10

$$^{24)}6 + 4 = 10$$

$$^{25)}2 + 8 = 10$$

Revision

$$^{26)}8 + 5 = 13$$

$$^{27)}8 + 6 = 14$$

$$^{28)}$$
8 + 2 = 10

$$^{29)}8 + 3 = 11$$

$$^{30)}8 + 1 = 9$$

Revision

$$^{31)}9 + 9 = 18$$

$$^{32)}9 + 6 = 15$$

$$^{33)}9 + 8 = 17$$

$$^{34)} 9 + 7 = 16$$

$$^{35)} 9 + 4 = 13$$

Check Up A

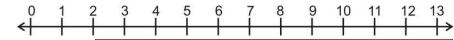
Name:



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

Use the number line to help count on.

Do not use your fingers.



Count on 1

$$^{1)}$$
 10 + 1 = 11

$$^{2)}$$
 1 + 1 = 2

$$^{3)}$$
 8 + 1 = 9

$$^{4)}$$
 9 + 1 = 10

$$^{5)}$$
 0 + 1 = 1

Count on 2

$$^{11)}6 + 2 = 8$$

$$^{12)}3 + 2 = 5$$

$$^{13)}$$
1 + 2 = 3

$$^{14)}7 + 2 = 9$$

$$^{15)}0 + 2 = 2$$

Turn arounds

$$^{6)}$$
 1 + 10 = 11

$$^{7)}$$
 1 + 4 = 5

8)
$$1 + 3 = 4$$

9)
$$1 + 6 = 7$$

$$^{10)}$$
1 + 9 = 10

Turn arounds

$$^{16)}$$
 2 + 4 = 6

$$^{17)}2 + 5 = 7$$

$$^{18)}2 + 9 = 11$$

$$^{19)}2 + 10 = 12$$

$$^{20)}$$
 2 + 7 = 9



Missing numbers

$$^{21)}$$
 4 + 1 = 5

$$^{22)}$$
 6 + 2 = 8

$$^{23)}$$
 3 + 2 = 5

$$^{24)}$$
 1 + 2 = 3

$$^{25)}$$
 9 + 2 = 11

$$^{26)}2 + 0 = 2$$

$$^{28)}$$
 1 + 3 = 4

$$^{29)}2 + 2 = 4$$

$$^{30)}$$
1 + 9 = 10

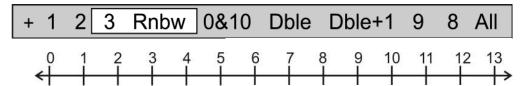




This worksheet is part of the Professor Pete's Classroom eBook "Let's Go! Addition Worksheets". This Check Up sheet should be used to assess students' progress after completing worksheet 2D.

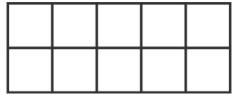
Name: Check Up B





Use the number line. Use a ten frame.

Do not use your fingers.





Count on 3

$$^{1)}$$
 7 + 3 = 10

$$^{6)}$$
 1 + 3 = 4

$$^{2)}$$
 8 + 3 = 11

$$^{7)}$$
 2 + 3 = 5

$$^{3)}$$
 10 + 3 = 13

$$^{8)}$$
 4 + 3 = 7

$$^{4)}$$
 5 + 3 = 8

$$^{9)}$$
 0 + 3 = 3

$$^{5)}$$
 6 + 3 = 9

$$^{10)}3 + 3 = 6$$

Rainbow facts missing numbers

$$^{22)}2 + 8 = 10$$

$$^{23)}7 + 3 = 10$$

$$^{24)}4 + 6 = 10$$

$$^{25)} 5 + 5 = 10$$

Turn arounds

$$^{11)}3 + 0 = 3$$

$$^{16)}$$
 3 + 2 = 5

$$^{12)}3 + 7 = 10$$

$$^{17)}3 + 6 = 9$$

$$^{13)}3 + 9 = 12$$

$$^{18)}$$
 3 + 4 = 7

$$^{14)}3 + 10 = 13$$

$$^{15)}$$
 3 + 1 = 4

$$^{20)}$$
 3 + 5 = 8

Rainbow facts missing numbers

$$^{26)}$$
 5 + 5 = 10

$$^{27)}$$
 4 + 6 = 10

$$^{28)}$$
 1 + 9 = 10

$$^{29)}$$
 7 + 3 = 10

$$^{30)}$$
 2 + 8 = 10

Revision

$$^{31)}0 + 2 = 2$$

$$^{36)}$$
 3 + 4 = 7

$$^{32)}7 + 3 = 10$$

$$^{37)}$$
 1 + 6 = 7

$$^{33)}3 + 2 = 5$$

$$^{38)}2 + 10 = 12$$

$$^{34)}5 + 2 = 7$$

$$^{39)}2 + 4 = 6$$

$$^{35)}$$
1 + 3 = 4

$$^{40)}$$
 3 + 6 = 9

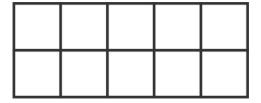
This worksheet is part of the Professor Pete's Classroom eBook "Let's Go! Addition Worksheets". This Check Up sheet should be used to assess students' progress after completing worksheet 4D.

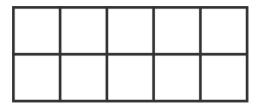
Name: Check Up C



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

Use ten frames. Do not use your fingers.





+0, +10

$$^{1)}$$
 10 + 0 = 10

$$^{6)}$$
 9 + 0 = 9

$$^{2)}$$
 6 + 10 = 16

$$^{7)}$$
 4 + 0 = 4

$$^{3)}$$
 7 + 10 = 17

$$^{8)}$$
 2 + 10 = 12

9)
$$0 + 0 = 0$$

$$^{5)}$$
 10 + 10 = 20

$$^{10)}$$
 1 + 0 = 1

Missing numbers

$$^{21)}$$
 7 + 10 = 17

$$^{22)}$$
 3 + 10 = 13

$$9 + 10 = 19$$

$$^{24)}$$
 4 + 0 = 4

$$^{25)}$$
 10 + 10 = 20

Double

$$^{11)}8 + 8 = 16$$

$$^{16)}6 + 6 = 12$$

$$^{12)}7 + 7 = 14$$

$$^{17)}9 + 9 = 18$$

$$^{13)}10 + 10 = 20$$

$$^{18)}3 + 3 = 6$$

$$^{14)}4 + 4 = 8$$

$$^{19)}5 + 5 = 10$$

$$^{15)}2 + 2 = 4$$

$$^{20)}$$
 1 + 1 = 2

Double missing numbers

$$^{26)}$$
8 + 8 = 16

$$^{27)}$$
 7 + 7 = 14

$$^{28)} 9 + 9 = 18$$

$$^{29)}3 + 3 = 6$$

$$^{30)} 5 + 5 = 10$$

Missing numbers

$$^{31)}$$
 10 + 3 = 13

$$^{32)}$$
 7 + 10 = 17

$$^{33)}$$
 4 + 2 = 6

$$^{34)}$$
 10 + 0 = 10

$$^{35)}$$
 2 + 10 = 12

Rainbow facts revision

$$^{36)} 9 + 1 = 10$$

$$^{37)}6 + 4 = 10$$

$$^{38)}2 + 8 = 10$$

$$^{39)}5 + 5 = 10$$

$$^{40)}$$
 3 + 7 = 10

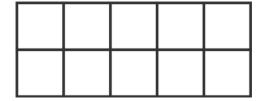
This worksheet is part of the Professor Pete's Classroom eBook "Let's Go! Addition Worksheets". This Check Up sheet should be used to assess students' progress after completing worksheet 6D.

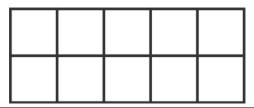
Name: Check Up D



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

Use ten frames. Do not use your fingers.





Double +1

$$^{1)}$$
 5 + 5 = 10 $^{6)}$ 8 + 8 = 16

$$^{2)}$$
 5 + 6 = 11 $^{7)}$ 8 + 9 = 17

$$^{3)}$$
 4 + 4 = 8 $^{8)}$ 7 + 7 = 14

$$^{4)}$$
 4 + 5 = 9 $^{9)}$ 7 + 8 = 15

$$^{5)}$$
 2 + 3 = $^{5)}$ $^{10)}$ 9 + 10 = 19

Revision

$$^{21)}5 + 6 = 11$$

$$^{22)}$$
 3 + 4 = 7

$$^{23)}4 + 5 = 9$$

$$^{24)}7 + 8 = 15$$

$$^{25)}8 + 9 = 17$$

+9 near ten

$$^{11)}$$
 5 + 10 = 15 $^{16)}$ 8 + 10 = 18

$$^{12)} 5 + 9 = 14$$
 $^{17)} 8 + 9 = 17$

$$^{13)}6 + 10 = 16$$
 $^{18)}7 + 10 = 17$

$$^{14)}6 + 9 = 15$$
 $^{19)}7 + 9 = 16$

$$^{15)} 2 + 9 = 11$$
 $^{20)} 3 + 9 = 12$

+9 near ten

$$^{26)}9 + 9 = 18$$

$$^{27)}5 + 9 = 14$$

$$^{28)} 9 + 8 = 17$$

$$^{29)}6 + 9 = 15$$

$$^{30)}9 + 7 = 16$$

Missing numbers

$$^{31)}$$
 9 + 1 = 10

$$^{32)}$$
 7 + 0 = 7

$$^{33)}$$
 7 + 3 = 10

$$^{34)}$$
 4 + 10 = 14

$$^{35)}$$
 8 + 8 = 16

Rainbow facts revision

$$^{36)}2 + 8 = 10$$

$$^{37)}3 + 7 = 10$$

$$^{38)}5 + 5 = 10$$

$$^{39)}9 + 1 = 10$$

$$^{40)}6 + 4 = 10$$

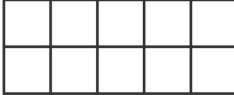
This worksheet is part of the Professor Pete's Classroom eBook "Let's Go! Addition Worksheets". This Check Up sheet should be used to assess students' progress after completing worksheet 8D.

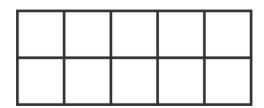
Name: Check Up E



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

Use ten frames. Do not use your fingers.





Remaining facts (7+4, 7+5)

$$^{1)}$$
 7 + 4 = 11

$$^{6)}$$
 5 + 7 = 12

$$^{2)}$$
 7 + 5 = 12

$$^{7)}$$
 4 + 7 = 11

$$^{3)}$$
 4 + 7 = 11

$$^{8)}$$
 5 + 7 = 12

$$^{4)}$$
 7 + 4 = 11

$$^{9)}$$
 7 + 5 = 12

$$^{5)}$$
 7 + 4 = 11

$$^{10)}$$
 7 + 5 = 12

Missing number

$$^{11)}$$
 4 + 7 = 11

$$^{12)}$$
 5 + 7 = 12

$$^{13)}$$
 4 + 7 = 11

$$^{14)}$$
 4 + 7 = 11

$$^{15)}$$
 5 + 7 = 12





+8 near ten

$$^{16)}8 + 5 = 13$$

$$^{17)}8 + 2 = 10$$

$$^{18)}8 + 8 = 16$$

$$^{19)}8 + 6 = 14$$

$$^{20)}8 + 0 = 8$$

$$^{21)} 9 + 6 = 15$$

$$^{22)}9 + 8 = 17$$

$$^{23)}9 + 7 = 16$$

$$^{24)}9 + 4 = 13$$

$$^{25)} 9 + 9 = 18$$

Double +1 revision

$$^{26)}$$
 5 + 6 = 11

$$^{27)}6 + 7 = 13$$

$$^{28)}4 + 5 = 9$$

$$^{29)}7 + 8 = 15$$

$$^{30)}9 + 10 = 19$$

Rainbow facts revision

$$^{31)}2 + 8 = 10$$

$$^{32)}5 + 5 = 10$$

$$^{33)}6 + 4 = 10$$

$$^{34)} 10 + 0 = 10$$

$$^{35)}$$
 3 + 7 = 10

This worksheet is part of the Professor Pete's Classroom eBook "Let's Go! Addition Worksheets". This Check Up sheet should be used to assess students' progress after completing worksheet 10D.

Homework Count on 1 (+1): 1 HW



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

Information for Parents: "Count on One" Strategy

Plus One - "Count on One" Strategy

Students are familiar with the sequence of counting numbers and can mentally "count on" to the next number, and name it. For instance "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.

Use the number line below to help count on.

Do not use your fingers.



Count on 1

$$^{1)}$$
 1 + 1 = 2

$$^{2)}$$
 2 + 1 = 3

$$^{3)}$$
 5 + 1 = 6

$$^{4)}$$
 0 + 1 = 1

$$^{5)}$$
 10 + 1 = 11

$$^{6)}$$
 3 + 1 = 4

$$^{7)}$$
 4 + 1 = 5

$$^{8)}$$
 7 + 1 = 8

9)
$$6 + 1 = 7$$

$$^{10)}8 + 1 = 9$$

Turn arounds

$$^{11)}$$
1 + 4 = 5

$$^{12)}$$
 1 + 7 = 8

$$^{13)}$$
 1 + 6 = 7

$$^{14)}1 + 2 = 3$$

$$^{15)}$$
 1 + 5 = 6

$$^{16)}$$
 1 + 1 = 2

$$^{17)}$$
 1 + 8 = 9

$$^{18)}$$
1 + 9 = 10

$$^{19)}$$
1 + 10 = 11

$$^{20)}$$
 1 + 0 = 1

Missing numbers

$$^{21)}$$
 4 + 1 = 5

$$\frac{3}{3} + 1 = 4$$

$$^{23)}$$
 10 + 1 = 11

$$9 + 1 = 10$$

$$^{25)}$$
 2 + 1 = 3

$$^{26)}$$
 1 + 6 = 7

$$^{27)}$$
 1 + 9 = 10

$$^{28)}$$
1 + 2 = 3

$$^{29)}$$
 1 + 1 = 2

$$^{30)}$$
 1 + 7 = 8

Homework Count on 2 (+2): 2 HW



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

Information for Parents: "Count on Two" Strategy

Plus Two - "Count on Two" Strategy
Students are familiar with the sequence of counting numbers
and can mentally "count on two" skipping to the next number,
and name it. For instance "Seven" skip eight "Nine". 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 skip count to the correct number.

Use the number line below to help count on. Do not use your fingers.



Count on 2

$$^{1)}$$
 0 + 2 = 2

$$^{2)}$$
 1 + 2 = 3

$$^{3)}$$
 9 + 2 = 11

$$^{4)}$$
 5 + 2 = 7

$$^{5)}$$
 6 + 2 = 8

$$^{6)}$$
 4 + 2 = 6

$$^{7)}$$
 7 + 2 = 9

$$^{8)}$$
 8 + 2 = 10

$$^{9)}$$
 3 + 2 = 5

$$^{10)}$$
 10 + 2 = 12

Turn arounds

$$^{11)}2 + 0 = 2$$

$$^{12)}2 + 7 = 9$$

$$^{13)}2 + 3 = 5$$

$$^{14)}2 + 5 = 7$$

$$^{15)}2 + 10 = 12$$

$$^{16)}2 + 1 = 3$$

$$^{17)}2 + 6 = 8$$

$$^{18)}2 + 9 = 11$$

$$^{19)}2 + 2 = 4$$

$$^{20)}2 + 8 = 10$$

Missing numbers

$$^{21)}$$
 2 + 2 = 4

$$^{22)}$$
 1 + 1 = 2

$$8 + 2 = 10$$

$$^{24)}$$
 7 + 1 = 8

$$9 + 2 = 11$$

$$^{26)}2 + 1 = 3$$

$$^{27)}2 + 0 = 2$$

$$^{28)}$$
 1 + 6 = 7

$$^{30)}2 + 5 = 7$$

Homework Count on 3 (+3): 3 HW



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

Information for Parents: "Count on Three" Strategy

Plus Three - "Count on Three" Strategy
Students are familiar with the sequence of counting numbers and can mentally "count on three" skipping two numbers to the next number, and name it. For instance "Seven" (skip eight, nine) "Ten". 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 skip count to the correct number.

Use the number line below to help count on. Do not use your fingers.



Count on 3

$$^{1)} 2 + 3 = 5$$

$$^{2)}$$
 3 + 3 = 6

$$^{3)}$$
 7 + 3 = 10

$$^{4)}$$
 9 + 3 = 12

$$^{5)}$$
 8 + 3 = 11

$$^{6)}$$
 1 + 3 = 4

$$^{7)}$$
 0 + 3 = 3

$$^{8)}$$
 6 + 3 = 9

9)
$$10 + 3 = 13$$

$$^{10)}4 + 3 = 7$$

Turn arounds

$$^{11)}3 + 2 = 5$$

$$^{12)}3 + 9 = 12$$

$$^{13)}3 + 0 = 3$$

$$^{14)}3 + 1 = 4$$

$$^{15)}3 + 6 = 9$$

$$^{16)}3 + 8 = 11$$

$$^{17)}3 + 5 = 8$$

$$^{18)}3 + 7 = 10$$

$$^{19)}3 + 4 = 7$$

$$^{20)}3 + 3 = 6$$

Missing numbers

$$^{21)}$$
 7 + 3 = 10

$$^{22)}$$
 1 + 2 = 3

$$^{23)}$$
 8 + 2 = 10

$$^{24)}$$
 7 + 1 = 8

$$^{25)}$$
 2 + 2 = 4

$$^{26)}2 + 1 = 3$$

$$^{27)}2 + 4 = 6$$

$$^{28)}$$
 1 + 3 = 4

$$^{29)}$$
 3 + 5 = 8

$$^{30)}$$
 3 + 4 = 7

Homework Rainbow Facts: 4 HW



+ 1 2 3 Rnbw

0&10 Dble

Dble+1

9

8 All

Information for Parents: "Rainbow" Strategy

Rainbows Strategy

"Rainbow facts" are pairs of numbers whose sum is 10. These facts are very important for lots of later mental computation; an everyday use of these facts is in giving change. Students can be shown a rainbow graphic to illustrate the fact that the two numbers in each of these pairs equals 10:



Rainbows

$$^{1)}$$
 9 + 1 = 10 $^{6)}$ 1 + 9 = 10

$$^{2)}$$
 8 + 2 = 10 $^{7)}$ 7 + 3 = 10

$$^{3)}$$
 4 + 6 = 10 $^{8)}$ 2 + 8 = 10

$$^{4)}$$
 5 + 5 = 10 $^{9)}$ 6 + 4 = 10

$$^{5)}$$
 0 + 10 = 10 $^{10)}$ 3 + 7 = 10

Missing numbers

$$^{11)}$$
 4 + 6 = 10

$$^{12)}$$
 7 + 3 = 10

$$^{13)}$$
 5 + 5 = 10

$$^{14)}$$
 1 + 9 = 10

Missing numbers

$$^{16)}$$
 1 + 9 = 10

$$^{17)}$$
 4 + 6 = 10

$$^{18)}$$
 7 + 3 = 10

$$^{19)}$$
 5 + 5 = 10

$$^{20)}$$
 0 + 10 = 10

$$^{21)} 9 + 1 = 10$$

$$^{22)}3 + 7 = 10$$

$$^{23)}6 + 4 = 10$$

$$^{24)}8 + 2 = 10$$

Revision

$$^{26)}$$
 0 + 2 = 2

$$^{27)}$$
 3 + 2 = 5

$$^{28)} 5 + 2 = 7$$

$$^{29)}$$
 1 + 3 = 4

$$^{30)}7 + 3 = 10$$

$$^{31)}2 + 10 = 12$$

$$^{32)}3 + 6 = 9$$

$$^{33)}$$
 3 + 4 = 7

$$^{34)}$$
 1 + 6 = 7

$$^{35)}$$
 2 + 4 = 6

Special Cases (+0, +10): 5 HW

Homework

PROFESSOR PETE'S CLASSROOM

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

Information for Parents: Special Cases

+0

Plus 0 is a special case. 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.

+10

Plus 10 is also a special case because adding ten to a single digit number results in the associated teen number which has one ten and the number of ones; most teen numbers sound similar to the single digit number (eg, "six" and "sixteen").

+0, +10

$$^{1)}$$
 6 + 10 = 16 $^{6)}$ 2 + 10 = 12

$$^{2)}$$
 10 + 0 = 10 $^{7)}$ 9 + 10 = 19

$$^{3)}$$
 9 + 0 = 9 $^{8)}$ 1 + 0 = 1

$$^{4)}$$
 7 + 10 = 17 $^{9)}$ 10 + 10 = 20

$$^{5)}$$
 4 + 0 = 4 $^{10)}$ 0 + 0 = 0

Turn arounds

$$^{11)}$$
 0 + 1 = 1 $^{16)}$ 0 + 0 = 0

$$^{12)} 10 + 4 = 14 \, ^{17)} 10 + 6 = 16$$

$$^{13)} 10 + 0 = 10$$
 $^{18)} 0 + 3 = 3$

$$^{14)}$$
 10 + 10 = 20 10 + 3 = 13

$$^{15)}$$
 0 + 10 = 10 $^{20)}$ 0 + 8 = 8

Missing numbers

$$^{21)}$$
 4 + 10 = 14

$$^{23)}$$
 1 + 10 = 11

$$^{24)}$$
 0 + 10 = 10

$$^{25)}$$
 8 + 10 = 18

$$^{26)} 0 + 0 = 0$$

$$^{27)}$$
 0 + 3 = 3

$$^{28)}$$
 0 + 9 = 9

$$^{29)} 0 + 7 = 7$$

$$^{30)}$$
 0 + 5 = 5

Revision

$$^{31)}8 + 1 = 9$$

$$^{32)}$$
 3 + 1 = 4

$$^{33)}9 + 3 = 12$$

$$^{34)}2 + 2 = 4$$

$$^{35)}7 + 0 = 7$$

Rainbow facts revision

$$^{36)}$$
 6 + 4 = 10

$$^{37)}$$
 2 + 8 = 10

$$^{38)}$$
 5 + 5 = 10

$$^{39)}$$
 3 + 7 = 10

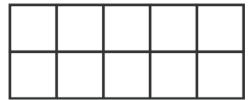
$$^{40)}$$
 9 + 1 = 10

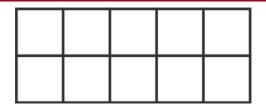
Homework Double: 6 HW



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

Information for Parents: Doubles





Use ten frames. Do not use your fingers.

Double

1)
$$8 + 8 = 16$$
 6) $6 + 6 = 12$

$$^{2)}$$
 7 + 7 = 14 $^{7)}$ 9 + 9 = 18

$$^{3)}$$
 10 + 10 = 20 $^{8)}$ 3 + 3 = 6

⁵⁾
$$2 + 2 = 4$$
 ¹⁰⁾ $1 + 1 = 2$

Double missing numbers

$$^{11)}$$
 8 + 8 = 16

$$^{12)}$$
 5 + 5 = 10

$$^{13)}$$
 9 + 9 = 18

$$^{14)} 7 + 7 = 14$$

$$^{15)}$$
 3 + 3 = 6

Double missing numbers

$$^{16)}8 + 8 = 16$$

$$^{17)}0 + 0 = 0$$

$$^{18)} 2 + 2 = 4$$

$$^{19)}4 + 4 = 8$$

$$^{20)}5 + 5 = 10$$

Rainbow facts revision

$$^{21)} 9 + 1 = 10$$

$$^{22)}5 + 5 = 10$$

$$^{23)}3 + 7 = 10$$

$$^{24)}2 + 8 = 10$$

$$^{25)}6 + 4 = 10$$

Revision

$$^{26)}8 + 10 = 18$$

$$^{27)}9 + 3 = 12$$

$$^{28)}4 + 2 = 6$$

$$^{29)}7 + 10 = 17$$

$$^{30)} 7 + 0 = 7$$

Revision

$$^{31)}1 + 8 = 9$$

$$^{32)}10 + 6 = 16$$

$$^{33)}2 + 9 = 11$$

$$^{34)}$$
1 + 3 = 4

$$^{35)}$$
 0 + 6 = 6

Homework Double +1: 7 HW

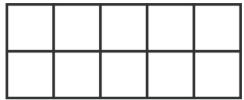


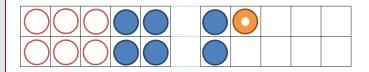
+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Information for Parents: Double +1

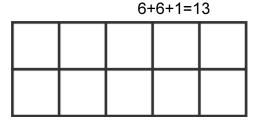
Double +1

These number facts are taught using aTHINK 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.





6+7=13



Use ten frames. Do not use your fingers.

Double +1

$$^{1)} 9 + 9 = 18$$

$$^{6)}$$
 8 + 8 = 16

$$^{11)}8 + 8 = 16$$

$$^{16)}5 + 5 = 10$$

$$^{2)}$$
 9 + 10 = 19 $^{7)}$ 8

$$^{7)}$$
 8 + 9 = 17

$$^{12)}8 + 9 = 17$$

$$^{17)}5 + 6 = 11$$

$$^{3)}6 + 6 = 12$$

$$^{8)}$$
 5 + 5 = 10

$$^{13)}4 + 4 = 8$$

$$^{18)}7 + 7 = 14$$

$$^{4)} 6 + 7 = 13$$

$$^{9)}$$
 5 + 6 = 11

$$^{14)}4 + 5 = 9$$

$$^{19)}7 + 8 = 15$$

$$^{5)}$$
 2 + 3 = 5

$$^{10)}$$
 3 + 4 = 7

$$^{15)}6 + 7 = 13$$

$$^{20)}$$
 4 + 3 = 7

Double revision

$$^{21)}9 + 9 = 18$$

$$^{22)}8 + 8 = 16$$

$$^{23)}4 + 4 = 8$$

$$^{24)}5 + 5 = 10$$

$$^{25)}$$
 2 + 2 = 4

$$^{26)} 9 + 1 = 10$$

$$^{27)}5 + 5 = 10$$

$$^{28)}$$
 3 + 7 = 10

$$^{29)}6 + 4 = 10$$

$$^{30)}2 + 8 = 10$$

Revision

$$^{31)}4 + 1 = 5$$

$$^{32)}5 + 3 = 8$$

Revision

$$^{33)}$$
 0 + 6 = 6

$$^{34)}$$
 3 + 5 = 8

Homework Near Ten (+9): **8 HW**

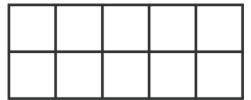


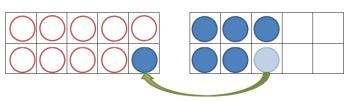
3 0&10 2 Rnbw Dble Dble+1 8 All

Information for Parents: +9 "near 10 facts"

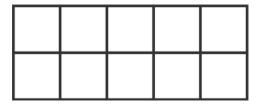
+9

Plus 9 number facts are taught using a NEAR TEN strategy: encourage students to think of adding ten, and then subtracting one. The plus 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 right to the left makes the sum a simple "ten plus ones" question.





10+6=16 9+6=16-1 or 15



Use ten frames. Do not use your fingers.

+9 near ten

$$^{1)}$$
 5 + 10 = 15 $^{6)}$ 8 + 10 = 18

$$98 + 10 = 18$$

$$^{2)}$$
 5 + 9 = 14 $^{7)}$ 8 + 9 = 17

$$^{3)}$$
 6 + 10 = 16 $^{8)}$ 7 + 10 = 17

$$^{5)}$$
 2 + 9 = 11 $^{10)}$ 3 + 9 = 12

$$^{11)}$$
 10 + 8 = 18 $^{16)}$ 10 + 7 = 17

$$^{12)} 9 + 8 = 17$$
 $^{17)} 9 + 7 = 16$

$$^{13)}$$
 10 + 5 = 15 $^{18)}$ 10 + 6 = 16

$$^{14)} 9 + 5 = 14$$
 $^{19)} 9 + 6 = 15$

$$^{15)} 9 + 0 = 9$$
 $^{20)} 9 + 2 = 11$

Double revision

$$^{21)}9 + 9 = 18$$

$$^{22)}5 + 5 = 10$$

$$^{23)}7 + 7 = 14$$

$$^{24)}8 + 8 = 16$$

$$^{25)}4 + 4 = 8$$

Rainbow facts revision

$$^{26)}$$
 6 + 4 = 10

$$^{27)}$$
 3 + 7 = 10

$$^{28)}$$
 9 + 1 = 10

$$^{29)}$$
 2 + 8 = 10

$$^{30)}$$
 5 + 5 = 10

Revision

$$^{31)}4 + 3 = 7$$

$$^{32)}3 + 2 = 5$$

Revision

$$^{33)}3 + 4 = 7$$

$$^{34)} 0 + 9 = 9$$

Homework Near Ten (+8): 9 HW

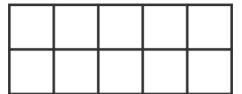


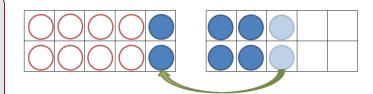
+ 1 2 3 Rnbw 0&10 Dble Dble+1 9 8 All

Information for Parents: +8 "near 10 facts"

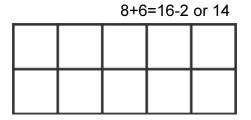
+8

Plus 8 number facts are taught using a NEAR TEN strategy: encourage students to think of adding ten, and then subtracting two. The plus 8 strategy is easily illustrated using two ten frames and counters. Place 8 counters on the left-hand ten frame, the other number in the right-hand ten frame. The student should easily see that moving two counters from the right to the left makes the sum a simple "ten plus ones" question.





10+6=16



Use ten frames. Do not use your fingers.

+8 near ten

$$^{1)}$$
 5 + 10 = 15 $^{6)}$ 8 + 10 = 18

$$^{5)}$$
 2 + 8 = 10 $^{10)}$ 3 + 8 = 1

$$^{11)}$$
 10 + 6 = 16 $^{16)}$ 10 + 4 = 14

$$^{12)} 8 + 6 = 14$$
 $^{17)} 8 + 4 = 12$

$$^{13)} 10 + 7 = 17$$
 $^{18)} 10 + 6 = 16$

$$^{14)} 8 + 7 = 15$$
 $^{19)} 8 + 6 = 14$

$$^{15)}8 + 10 = 18$$
 $^{20)}8 + 0 = 8$

Double revision

$$^{21)}$$
 7 + 7 = 14

$$^{22)}9 + 9 = 18$$

$$^{23)}5 + 5 = 10$$

$$^{24)}8 + 8 = 16$$

$$^{25)}$$
 4 + 4 = 8

$$^{26)}2 + 8 = 10$$

$$^{27)} 9 + 1 = 10$$

$$^{28)}$$
 3 + 7 = 10

$$^{29)}6 + 4 = 10$$

$$^{30)}5 + 5 = 10$$

Revision

$$^{31)}8 + 8 = 16$$

$$^{32)}6 + 7 = 13$$

Revision

$$^{33)}7 + 4 = 11$$

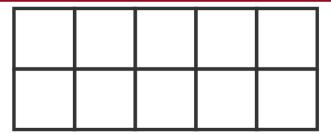
$$^{34)}9 + 5 = 14$$

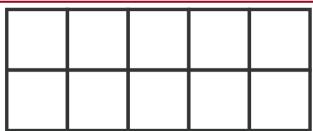
Homework Remaining facts & Revision: 10 HW



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

Information for Parents: Remaining Facts 7 + 4 = 11; 7 + 5 = 12





Use ten frames. Do not use your fingers.

Remaining facts (7+4, 7+5)

$$^{6)}$$
 7 + 4 = 11

$$^{2)}$$
 5 + 7 = 12

$$^{7)}$$
 5 + 7 = 12

$$^{3)}$$
 4 + 7 = 11

$$^{8)}$$
 7 + 5 = 12

$$^{4)}$$
 7 + 4 = 11

$$^{9)}$$
 4 + 7 = 11

$$^{5)}$$
 7 + 5 = 12

$$^{10)}$$
 7 + 5 = 12

Missing number

$$^{11)}4 + 7 = 11$$

$$^{12)} 5 + 7 = 12$$

$$^{13)}5 + 7 = 12$$

$$^{14)}4 + 7 = 11$$

$$^{15)}4 + 7 = 11$$

Double revision

$$^{16)}4 + 4 = 8$$

$$^{17)}9 + 9 = 18$$

$$^{18)}5 + 5 = 10$$

$$^{19)}8 + 8 = 16$$

$$^{20)}$$
 7 + 7 = 14

Rainbow facts revision

$$^{21)}$$
 3 + 7 = 10

$$^{22)}$$
 5 + 5 = 10

$$^{23)}$$
 9 + 1 = 10

$$^{24)}$$
 2 + 8 = 10

$$^{25)}$$
 6 + 4 = 10

Revision

$$^{26)}$$
7 + 6 = 13

$$^{27)}$$
 10 + 7 = 17

$$^{28)}8 + 9 = 17$$

Revision

$$^{30)}$$
 10 + 3 = 13

$$^{31)}9 + 4 = 13$$

$$^{32)}9 + 3 = 12$$

$$^{33)}8 + 6 = 14$$

Let's Go! Addition Worksheets

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