

Time:

Score:

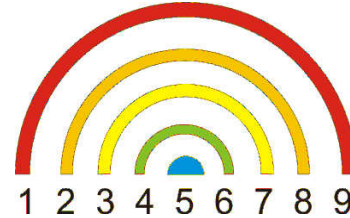
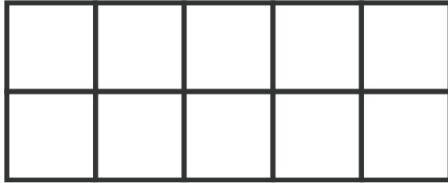
Rainbow Facts: 4 [ A ]



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

**Rainbow facts**

Taking away from 10 involves knowing the addition Rainbow Facts. Familiarity with numbers to 10 shown on a ten frame will make these questions easy to students. Students can be shown a rainbow graphic to illustrate the fact that these pairs are equidistant from the number 5. Rainbow facts are foundational for many other mathematical skills, such as giving change.



Use a ten frame. Do not use your fingers.

**Rainbow addition facts**

1)  $5 + 5 =$  \_\_\_\_\_ 6)  $9 + 1 =$  \_\_\_\_\_

**Missing number**

39) \_\_\_\_\_ + 7 = 10 57) \_\_\_\_\_ + 4 = 10

2)  $2 + 8 =$  \_\_\_\_\_

3)  $7 + 3 =$  \_\_\_\_\_

4)  $4 + 6 =$  \_\_\_\_\_

5)  $3 + 7 =$  \_\_\_\_\_

**Subtraction**

11)  $10 - 4 =$  \_\_\_\_\_

12)  $10 - 9 =$  \_\_\_\_\_

13)  $10 - 6 =$  \_\_\_\_\_

14)  $10 - 7 =$  \_\_\_\_\_

15)  $10 - 1 =$  \_\_\_\_\_

16)  $10 - 0 =$  \_\_\_\_\_ 30)  $10 - 1 =$  \_\_\_\_\_

17)  $10 - 4 =$  \_\_\_\_\_ 31)  $10 - 1 =$  \_\_\_\_\_

18)  $10 - 8 =$  \_\_\_\_\_ 32)  $10 - 1 =$  \_\_\_\_\_

19)  $10 - 9 =$  \_\_\_\_\_ 33)  $10 - 6 =$  \_\_\_\_\_

20)  $10 - 3 =$  \_\_\_\_\_ 34)  $10 - 5 =$  \_\_\_\_\_

21)  $10 - 7 =$  \_\_\_\_\_ 35)  $10 - 7 =$  \_\_\_\_\_

22)  $10 - 5 =$  \_\_\_\_\_ 36)  $10 - 8 =$  \_\_\_\_\_

23)  $10 - 8 =$  \_\_\_\_\_ 37)  $10 - 2 =$  \_\_\_\_\_

24)  $10 - 1 =$  \_\_\_\_\_ 38)  $10 - 6 =$  \_\_\_\_\_

50)  $8 +$  \_\_\_\_\_  $= 10$  68) \_\_\_\_\_  $+ 5 = 10$

51)  $5 + 5 =$  \_\_\_\_\_ 69)  $7 + 3 =$  \_\_\_\_\_

52)  $8 +$  \_\_\_\_\_  $= 10$  70)  $5 +$  \_\_\_\_\_  $= 10$

53)  $8 + 2 =$  \_\_\_\_\_ 71)  $5 +$  \_\_\_\_\_  $= 10$

54) \_\_\_\_\_  $+ 6 = 10$  72)  $6 + 4 =$  \_\_\_\_\_

55)  $8 + 2 =$  \_\_\_\_\_ 73)  $2 +$  \_\_\_\_\_  $= 10$

56)  $4 +$  \_\_\_\_\_  $= 10$  74)  $2 + 8 =$  \_\_\_\_\_

**Addition revision**

75)  $10 + 9 =$  \_\_\_\_\_ 77)  $9 + 10 =$  \_\_\_\_\_

76)  $7 + 7 =$  \_\_\_\_\_ 78)  $5 + 7 =$  \_\_\_\_\_

This is a

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Time:

Score:

Rainbow Facts: 4 [ B ]



-	1	2	3	Rnbw	0&10	Dble/Hlv	Dble+1	9	8	All
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**Rainbow addition facts**

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

**Missing number**

- |                                  |                                  |
|----------------------------------|----------------------------------|
| 39) $\underline{\quad} + 8 = 10$ | 57) $\underline{\quad} + 8 = 10$ |
| 40) $2 + 8 =$ _____              | 58) $4 + \underline{\quad} = 10$ |
| 41) $9 + 1 =$ _____              | 59) $8 + 2 =$ _____              |
| 42) $6 + 4 =$ _____              | 60) $\underline{\quad} + 9 = 10$ |
| 43) $7 + \underline{\quad} = 10$ | 61) $8 + \underline{\quad} = 10$ |
| 44) $5 + 5 =$ _____              | 62) $\underline{\quad} + 6 = 10$ |

**Subtraction rainbow facts**

- |                      |                      |
|----------------------|----------------------|
| 11) $10 - 2 =$ _____ | 25) $10 - 6 =$ _____ |
| 12) $10 - 3 =$ _____ | 26) $10 - 5 =$ _____ |
| 13) $10 - 1 =$ _____ |                      |
| 14) $10 - 4 =$ _____ |                      |
| 15) $10 - 7 =$ _____ |                      |
| 16) $10 - 2 =$ _____ |                      |
| 17) $10 - 4 =$ _____ |                      |
| 18) $10 - 6 =$ _____ |                      |
| 19) $10 - 3 =$ _____ |                      |
| 20) $10 - 2 =$ _____ |                      |
| 21) $10 - 2 =$ _____ |                      |
| 22) $10 - 3 =$ _____ |                      |

This is a

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- |                      |                      |
|----------------------|----------------------|
| 23) $10 - 9 =$ _____ | 37) $10 - 6 =$ _____ |
| 24) $10 - 8 =$ _____ | 38) $10 - 3 =$ _____ |

- |                                  |                                  |
|----------------------------------|----------------------------------|
| 55) $5 + 5 =$ _____              | 73) $7 + \underline{\quad} = 10$ |
| 56) $4 + \underline{\quad} = 10$ | 74) $2 + 8 =$ _____              |

**Addition revision**

- |                      |                      |
|----------------------|----------------------|
| 75) $8 + 9 =$ _____  | 80) $9 + 3 =$ _____  |
| 76) $10 + 8 =$ _____ | 81) $9 + 5 =$ _____  |
| 77) $8 + 4 =$ _____  | 82) $4 + 10 =$ _____ |
| 78) $9 + 7 =$ _____  | 83) $4 + 7 =$ _____  |
| 79) $10 + 6 =$ _____ | 84) $3 + 9 =$ _____  |

**Subtraction revision**

- |                      |                      |
|----------------------|----------------------|
| 85) $10 - 3 =$ _____ | 90) $6 - 3 =$ _____  |
| 86) $5 - 1 =$ _____  | 91) $9 - 2 =$ _____  |
| 87) $8 - 3 =$ _____  | 92) $9 - 1 =$ _____  |
| 88) $3 - 1 =$ _____  | 93) $11 - 3 =$ _____ |
| 89) $12 - 3 =$ _____ | 94) $7 - 3 =$ _____  |

This worksheet is part of the Professor Pete's Classroom eBook "Ten Minutes a Day 1: Subtraction Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Rainbow subtraction facts are taught using a SUBTRACT FROM TEN strategy: the number subtracted and the difference together equal 10. The rainbow graphic illustrates the fact that these pairs are equidistant from the number 5. Rainbow facts are foundational for many other mathematical skills, such as giving change.

Time:

Score:

Rainbow Facts: 4 [ C ]



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

**Subtraction rainbow facts**

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

**Missing number**

- |                       |                       |
|-----------------------|-----------------------|
| 41) $\_\_\_ + 1 = 10$ | 61) $\_\_\_ + 5 = 10$ |
| 42) $5 + 5 =$ _____   | 62) $7 + \_\_\_ = 10$ |
| 43) $2 + 8 =$ _____   | 63) $4 + 6 =$ _____   |
| 44) $6 + 4 =$ _____   | 64) $\_\_\_ + 3 = 10$ |
| 45) $1 + \_\_\_ = 10$ | 65) $8 + \_\_\_ = 10$ |
| 46) $1 + 9 =$ _____   | 66) $\_\_\_ + 9 = 10$ |
| 47) $7 + \_\_\_ = 10$ | 67) $4 + \_\_\_ = 10$ |
| 48) $3 + \_\_\_ = 10$ | 68) $0 + 10 =$ _____  |

- 9)  $10 - 3 =$  \_\_\_\_\_
- 10)  $10 - 8 =$  \_\_\_\_\_
- 11)  $10 - 1 =$  \_\_\_\_\_
- 12)  $10 - 6 =$  \_\_\_\_\_
- 13)  $10 - 3 =$  \_\_\_\_\_
- 14)  $10 - 4 =$  \_\_\_\_\_
- 15)  $10 - 1 =$  \_\_\_\_\_
- 16)  $10 - 2 =$  \_\_\_\_\_
- 17)  $10 - 2 =$  \_\_\_\_\_
- 18)  $10 - 1 =$  \_\_\_\_\_

This is a

# PREVIEW

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- \_\_\_\_\_ = 10
- \_\_\_\_\_ = 10
- \_\_\_\_\_ = 10
- \_\_\_\_\_ = 10
- \_\_\_\_\_ = 10
- \_\_\_\_\_ = 10
- \_\_\_\_\_ = 10
- \_\_\_\_\_ = 10
- \_\_\_\_\_ = 10

- |                      |                      |
|----------------------|----------------------|
| 19) $10 - 1 =$ _____ | 39) $10 - 0 =$ _____ |
| 20) $10 - 2 =$ _____ | 40) $10 - 5 =$ _____ |

- |                       |                       |
|-----------------------|-----------------------|
| 59) $1 + 9 =$ _____   | 79) $\_\_\_ + 5 = 10$ |
| 60) $\_\_\_ + 1 = 10$ | 80) $\_\_\_ + 5 = 10$ |

**Missing number**

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

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