

Time:

Score:

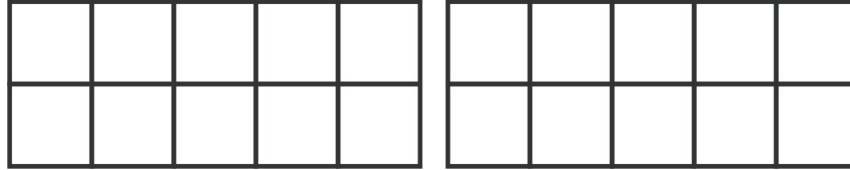
Doubling and Halving: 6 [ A ]



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

**"Double/Halve" Strategy**

Ensure that students have good recall of double addition facts before introducing the "Halve" strategy. Ten frames can be useful for showing half of the number. Do not let students count back the number.



**Doubles**

- 1)  $7 + 7 =$  \_\_\_\_\_
- 2)  $4 + 4 =$  \_\_\_\_\_
- 3)  $1 + 1 =$  \_\_\_\_\_
- 4)  $5 + 5 =$  \_\_\_\_\_
- 5)  $2 + 2 =$  \_\_\_\_\_
- 6)  $8 + 8 =$  \_\_\_\_\_
- 7)  $3 + 3 =$  \_\_\_\_\_
- 8)  $6 + 6 =$  \_\_\_\_\_

**Missing number**

- 31)  $9 + \underline{\quad} = 18$
- 32)  $2 + 2 =$  \_\_\_\_\_
- 33)  $7 + 7 =$  \_\_\_\_\_
- 46)  $\underline{\quad} + 2 = 4$
- 47)  $3 + 3 =$  \_\_\_\_\_
- 48)  $2 + \underline{\quad} = 4$

**Halving**

- 11)  $2 - 1 =$  \_\_\_\_\_
- 12)  $16 - 8 =$  \_\_\_\_\_
- 13)  $18 - 9 =$  \_\_\_\_\_
- 14)  $10 - 5 =$  \_\_\_\_\_
- 15)  $4 - 2 =$  \_\_\_\_\_
- 16)  $6 - 3 =$  \_\_\_\_\_
- 17)  $8 - 4 =$  \_\_\_\_\_
- 18)  $12 - 6 =$  \_\_\_\_\_
- 19)  $14 - 7 =$  \_\_\_\_\_
- 20)  $18 - 9 =$  \_\_\_\_\_
- 28)  $14 - 7 =$  \_\_\_\_\_
- 29)  $8 - 4 =$  \_\_\_\_\_
- 30)  $6 - 3 =$  \_\_\_\_\_

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**Addition revision**

- 61)  $3 + 9 =$  \_\_\_\_\_
- 62)  $3 + 8 =$  \_\_\_\_\_
- 63)  $5 + 8 =$  \_\_\_\_\_
- 64)  $8 + 4 =$  \_\_\_\_\_
- 65)  $10 + 9 =$  \_\_\_\_\_
- 66)  $10 + 10 =$  \_\_\_\_\_
- 67)  $5 + 4 =$  \_\_\_\_\_
- 68)  $4 + 6 =$  \_\_\_\_\_
- 69)  $5 + 3 =$  \_\_\_\_\_
- 70)  $6 + 6 =$  \_\_\_\_\_

**Subtraction revision**

- 71)  $4 - 2 =$  \_\_\_\_\_
- 72)  $1 - 1 =$  \_\_\_\_\_
- 73)  $4 - 3 =$  \_\_\_\_\_
- 74)  $10 - 2 =$  \_\_\_\_\_
- 75)  $8 - 1 =$  \_\_\_\_\_
- 76)  $5 - 3 =$  \_\_\_\_\_
- 77)  $11 - 2 =$  \_\_\_\_\_
- 78)  $2 - 1 =$  \_\_\_\_\_
- 79)  $10 - 3 =$  \_\_\_\_\_
- 80)  $6 - 2 =$  \_\_\_\_\_

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.

Time:

Score:

Halving: 6 [ B ]



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

**Double**

- 1)  $5 + 5 =$  \_\_\_\_\_
- 2)  $2 + 2 =$  \_\_\_\_\_
- 3)  $3 + 3 =$  \_\_\_\_\_
- 4)  $6 + 6 =$  \_\_\_\_\_
- 5)  $9 + 9 =$  \_\_\_\_\_
- 6)  $7 + 7 =$  \_\_\_\_\_
- 7)  $4 + 4 =$  \_\_\_\_\_
- 8)  $10 + 10 =$  \_\_\_\_\_
- 9)  $1 + 1 =$  \_\_\_\_\_
- 10)  $8 + 8 =$  \_\_\_\_\_

**Missing number**

- 41)  $\_\_\_ + 2 = 4$
- 42)  $8 + 8 =$  \_\_\_\_\_
- 43)  $\_\_\_ + 2 = 4$
- 44)  $\_\_\_ + 7 = 14$
- 45)  $5 + 5 =$  \_\_\_\_\_
- 46)  $\_\_\_ + 8 = 16$
- 47)  $1 + 1 =$  \_\_\_\_\_
- 48)  $\_\_\_ + 4 = 8$
- 61)  $3 + 3 =$  \_\_\_\_\_
- 62)  $4 + 4 =$  \_\_\_\_\_
- 63)  $5 + 5 =$  \_\_\_\_\_
- 64)  $6 + \_\_\_ = 12$
- 65)  $\_\_\_ + 8 = 16$
- 66)  $\_\_\_ + 2 = 4$
- 67)  $\_\_\_ + 6 = 12$
- 68)  $\_\_\_ + 7 = 14$

**Halve**

- 11)  $16 - 8 =$  \_\_\_\_\_
- 12)  $10 - 5 =$  \_\_\_\_\_
- 13)  $6 - 3 =$  \_\_\_\_\_
- 14)  $16 - 8 =$  \_\_\_\_\_
- 15)  $18 - 9 =$  \_\_\_\_\_
- 16)  $18 - 4 =$  \_\_\_\_\_
- 17)  $6 - 3 =$  \_\_\_\_\_
- 18)  $2 - 1 =$  \_\_\_\_\_
- 19)  $4 - 2 =$  \_\_\_\_\_
- 20)  $4 - 2 =$  \_\_\_\_\_
- 21)  $12 - 6 =$  \_\_\_\_\_
- 22)  $18 - 9 =$  \_\_\_\_\_
- 23)  $16 - 8 =$  \_\_\_\_\_
- 24)  $6 - 3 =$  \_\_\_\_\_
- 25)  $10 - 5 =$  \_\_\_\_\_
- 26)  $14 - 7 =$  \_\_\_\_\_
- 27)  $14 - 7 =$  \_\_\_\_\_
- 28)  $8 - 4 =$  \_\_\_\_\_
- 29) \_\_\_\_\_ = 20
- 30) \_\_\_\_\_ = 14
- 31) \_\_\_\_\_ = 10
- 32) \_\_\_\_\_ = 12
- 33) \_\_\_\_\_ = 12

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**Addition revision**

- 81)  $7 + 4 =$  \_\_\_\_\_
- 82)  $9 + 7 =$  \_\_\_\_\_
- 83)  $10 + 5 =$  \_\_\_\_\_
- 84)  $6 + 7 =$  \_\_\_\_\_
- 85)  $8 + 4 =$  \_\_\_\_\_
- 86)  $8 + 10 =$  \_\_\_\_\_
- 87)  $10 + 7 =$  \_\_\_\_\_
- 88)  $7 + 8 =$  \_\_\_\_\_
- 89)  $7 + 10 =$  \_\_\_\_\_
- 90)  $7 + 6 =$  \_\_\_\_\_

**Rainbow missing number**

- 91)  $\_\_\_ + 2 = 10$
- 92)  $\_\_\_ + 4 = 10$
- 93)  $4 + \_\_\_ = 10$
- 94)  $9 + 1 =$  \_\_\_\_\_
- 95)  $\_\_\_ + 3 = 10$
- 96)  $\_\_\_ + 9 = 10$
- 97)  $5 + \_\_\_ = 10$
- 98)  $2 + 8 =$  \_\_\_\_\_
- 99)  $\_\_\_ + 10 = 10$
- 100)  $3 + \_\_\_ = 10$

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. Doubles subtraction number facts are taught using a HALVING strategy, connecting to everyday situations in which one half of a double is subtracted.

Time:

Score:

Halving: 6 [ C ]



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

**Double**

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

**Missing number**

- |                       |                        |
|-----------------------|------------------------|
| 41) $\_\_\_ + 8 = 16$ | 61) $7 + 7 =$ _____    |
| 42) $10 + 10 =$ _____ | 62) $1 + 1 =$ _____    |
| 43) $\_\_\_ + 2 = 4$  | 63) $4 + 4 =$ _____    |
| 44) $\_\_\_ + 6 = 12$ | 64) $10 + \_\_\_ = 20$ |
| 45) $6 + 6 =$ _____   | 65) $\_\_\_ + 8 = 16$  |
| 46) $\_\_\_ + 8 = 16$ | 66) $\_\_\_ + 9 = 18$  |
| 47) $8 + 8 =$ _____   | 67) $\_\_\_ + 5 = 10$  |
| 48) $\_\_\_ + 5 = 10$ | 68) $\_\_\_ + 2 = 4$   |

**Halve**

- |                      |                      |
|----------------------|----------------------|
| 11) $4 - 2 =$ _____  | 26) $10 - 5 =$ _____ |
| 12) $10 - 5 =$ _____ | 27) $18 - 4 =$ _____ |
| 13) $12 - 6 =$ _____ | 28) $2 - 1 =$ _____  |
| 14) $12 - 6 =$ _____ |                      |
| 15) $20 - 1 =$ _____ |                      |
| 16) $16 - 8 =$ _____ |                      |
| 17) $8 - 4 =$ _____  |                      |
| 18) $8 - 4 =$ _____  |                      |
| 19) $20 - 1 =$ _____ |                      |
| 20) $14 - 7 =$ _____ |                      |
| 21) $4 - 2 =$ _____  |                      |
| 22) $2 - 1 =$ _____  |                      |
| 23) $18 - 9 =$ _____ |                      |

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- |                       |                      |
|-----------------------|----------------------|
| 24) $14 - 7 =$ _____  | 39) $6 - 3 =$ _____  |
| 25) $20 - 10 =$ _____ | 40) $16 - 8 =$ _____ |

- |                       |                       |
|-----------------------|-----------------------|
| 59) $\_\_\_ + 7 = 14$ | 79) $5 + \_\_\_ = 10$ |
| 60) $4 + \_\_\_ = 8$  | 80) $3 + 3 =$ _____   |

**Addition revision**

- |                      |                      |
|----------------------|----------------------|
| 81) $10 + 5 =$ _____ | 86) $7 + 8 =$ _____  |
| 82) $7 + 10 =$ _____ | 87) $8 + 10 =$ _____ |
| 83) $9 + 7 =$ _____  | 88) $10 + 7 =$ _____ |
| 84) $8 + 4 =$ _____  | 89) $7 + 6 =$ _____  |
| 85) $6 + 7 =$ _____  | 90) $7 + 4 =$ _____  |

**Rainbow missing number**

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

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