

Addition equations — ANSWER KEY

Solve. Subtract to undo the addition.

1. $x + 3 = 7$

$x = \underline{\quad 4 \quad}$

2. $24 + n = 51$

$n = \underline{\quad 27 \quad}$

3. $y + 9 = 30$

$y = \underline{\quad 21 \quad}$

4. $x + 19 = 42$

$x = \underline{\quad 23 \quad}$

5. $21 + m = 35$

$m = \underline{\quad 14 \quad}$

6. $12 + k = 31$

$k = \underline{\quad 19 \quad}$

7. $k + 9 = 39$

$k = \underline{\quad 30 \quad}$

8. $12 + x = 28$

$x = \underline{\quad 16 \quad}$

9. $14 + m = 44$

$m = \underline{\quad 30 \quad}$

10. $n + 18 = 25$

$n = \underline{\quad 7 \quad}$

11. $x + 6 = 18$

$x = \underline{\quad 12 \quad}$

12. $17 + k = 30$

$k = \underline{\quad 13 \quad}$

Subtraction equations — ANSWER KEY

Solve. Add to undo the subtraction.

1. $t - 18 = 6$

$t = \underline{\quad 24 \quad}$

2. $m - 14 = 24$

$m = \underline{\quad 38 \quad}$

3. $k - 12 = 26$

$k = \underline{\quad 38 \quad}$

4. $k - 12 = 12$

$k = \underline{\quad 24 \quad}$

5. $m - 6 = 25$

$m = \underline{\quad 31 \quad}$

6. $m - 15 = 21$

$m = \underline{\quad 36 \quad}$

7. $k - 8 = 16$

$k = \underline{\quad 24 \quad}$

8. $y - 16 = 17$

$y = \underline{\quad 33 \quad}$

9. $k - 12 = 22$

$k = \underline{\quad 34 \quad}$

10. $m - 15 = 12$

$m = \underline{\quad 27 \quad}$

11. $k - 18 = 24$

$k = \underline{\quad 42 \quad}$

12. $m - 16 = 22$

$m = \underline{\quad 38 \quad}$

Multiplication equations — ANSWER KEY

Solve. Divide to undo the multiplication.

1. $7n = 28$

$n = \underline{\quad 4 \quad}$

2. $6k = 54$

$k = \underline{\quad 9 \quad}$

3. $6y = 60$

$y = \underline{\quad 10 \quad}$

4. $10k = 100$

$k = \underline{\quad 10 \quad}$

5. $11t = 121$

$t = \underline{\quad 11 \quad}$

6. $6m = 30$

$m = \underline{\quad 5 \quad}$

7. $10m = 70$

$m = \underline{\quad 7 \quad}$

8. $11t = 33$

$t = \underline{\quad 3 \quad}$

9. $2y = 10$

$y = \underline{\quad 5 \quad}$

10. $3t = 6$

$t = \underline{\quad 2 \quad}$

11. $12k = 24$

$k = \underline{\quad 2 \quad}$

12. $11y = 55$

$y = \underline{\quad 5 \quad}$

Division equations — ANSWER KEY

Solve. Multiply to undo the division.

1. $t \div 3 = 9$

$t = \underline{27}$

2. $n \div 6 = 4$

$n = \underline{24}$

3. $n \div 2 = 7$

$n = \underline{14}$

4. $t \div 2 = 1$

$t = \underline{2}$

5. $y \div 7 = 3$

$y = \underline{21}$

6. $n \div 2 = 2$

$n = \underline{4}$

7. $x \div 3 = 1$

$x = \underline{3}$

8. $x \div 2 = 6$

$x = \underline{12}$

9. $y \div 4 = 3$

$y = \underline{12}$

10. $t \div 4 = 9$

$t = \underline{36}$

11. $t \div 2 = 7$

$t = \underline{14}$

12. $k \div 2 = 4$

$k = \underline{8}$

Mixed practice — ANSWER KEY

Solve. Decide which operation undoes each equation.

1. $x - 1 = 12$

$x = \underline{\quad 13 \quad}$

2. $y + 11 = 28$

$y = \underline{\quad 17 \quad}$

3. $k \div 2 = 5$

$k = \underline{\quad 10 \quad}$

4. $k \div 4 = 8$

$k = \underline{\quad 32 \quad}$

5. $x - 11 = 27$

$x = \underline{\quad 38 \quad}$

6. $15 + x = 42$

$x = \underline{\quad 27 \quad}$

7. $k - 19 = 25$

$k = \underline{\quad 44 \quad}$

8. $m \div 10 = 6$

$m = \underline{\quad 60 \quad}$

9. $y - 9 = 9$

$y = \underline{\quad 18 \quad}$

10. $t \div 2 = 12$

$t = \underline{\quad 24 \quad}$

11. $t - 2 = 9$

$t = \underline{\quad 11 \quad}$

12. $n + 6 = 13$

$n = \underline{\quad 7 \quad}$