

## Problem Set 1: One-Step Equations

**Solve each equation.**

1)  $26 = 8 + v$

2)  $3 + p = 8$

3)  $15 + b = 23$

4)  $-15 + n = -9$

5)  $m + 4 = -12$

6)  $x - 7 = 13$

7)  $m - 9 = -13$

8)  $p - 6 = -5$

9)  $v - 15 = -27$

10)  $n + 16 = 9$

11)  $-104 = 8x$

12)  $14b = -56$

13)  $-6 = \frac{b}{18}$

14)  $10n = 40$

# Problem Set 1: One-Step Equations

## Answers

Solve each equation.

1)  $26 = 8 + v$

$\{18\}$

2)  $3 + p = 8$

$\{5\}$

3)  $15 + b = 23$

$\{8\}$

4)  $-15 + n = -9$

$\{6\}$

5)  $m + 4 = -12$

$\{-16\}$

6)  $x - 7 = 13$

$\{20\}$

7)  $m - 9 = -13$

$\{-4\}$

8)  $p - 6 = -5$

$\{1\}$

9)  $v - 15 = -27$

$\{-12\}$

10)  $n + 16 = 9$

$\{-7\}$

11)  $-104 = 8x$

$\{-13\}$

12)  $14b = -56$

$\{-4\}$

13)  $-6 = \frac{b}{18}$

$\{-108\}$

14)  $10n = 40$

$\{4\}$

## Problem Set 1: One-Step Equations

15)  $\frac{v}{8} = 2$

16)  $16 = \frac{k}{11}$

17)  $-15x = 0$

18)  $-17x = -204$

19)  $21 = -7n$

20)  $\frac{m}{4} = -13$

21)  $-126 = 14k$

22)  $-143 = -11x$

23)  $-16 + x = -15$

24)  $-5 = \frac{a}{18}$

25)  $-17 = x - 15$

26)  $n - 8 = -10$

27)  $\frac{v}{7} = 8$

28)  $a + 11 = 20$

29)  $-7 + m = 8$

30)  $18 + m = 8$

## Problem Set 1: One-Step Equations

### Answers

$$15) \frac{v}{8} = 2$$

{16}

$$16) 16 = \frac{k}{11}$$

{176}

$$17) -15x = 0$$

{0}

$$18) -17x = -204$$

{12}

$$19) 21 = -7n$$

{-3}

$$20) \frac{m}{4} = -13$$

{-52}

$$21) -126 = 14k$$

{-9}

$$22) -143 = -11x$$

{13}

$$23) -16 + x = -15$$

{1}

$$24) -5 = \frac{a}{18}$$

{-90}

$$25) -17 = x - 15$$

{-2}

$$26) n - 8 = -10$$

{-2}

$$27) \frac{v}{7} = 8$$

{56}

$$28) a + 11 = 20$$

{9}

$$29) -7 + m = 8$$

{15}

$$30) 18 + m = 8$$

{-10}