

**Solve for X.**

1)  $x + 6 = 10$

2)  $\frac{-x}{5} = -8$

3)  $x - 2 = -10$

4)  $9x = 27$

5)  $x - 9 = -17$

6)  $x - 9 = -16$

7)  $x + 10 = 4$

8)  $-2x = 10$

9)  $x + 4 = 0$

10)  $9x = -45$

11)  $\frac{-x}{5} = 8$

12)  $\frac{x}{3} = -8$

**Solve for X.**

1)  $x + 6 = 10$

Answer: 4

2)  $\frac{-x}{5} = -8$

Answer: 40

3)  $x - 2 = -10$

Answer: -8

4)  $9x = 27$

Answer: 3

5)  $x - 9 = -17$

Answer: -8

6)  $x - 9 = -16$

Answer: -7

7)  $x + 10 = 4$

Answer: -6

8)  $-2x = 10$

Answer: -5

9)  $x + 4 = 0$

Answer: -4

10)  $9x = -45$

Answer:  $-5$ 

11)  $\frac{-x}{5} = 8$

Answer:  $-40$ 

12)  $\frac{x}{3} = -8$

Answer:  $-24$ 

MathVine - Pre-Algebra

Name \_\_\_\_\_

One Step Linear Equations

Date \_\_\_\_\_ Period \_\_\_\_\_

**Solution Steps**

1)  $x + 6 = 10$

$x + 6 = 10$

$-6 = -6$

$x = 4$

2)  $\frac{-x}{5} = -8$

$\frac{-x}{5} = -8$

$* - 5 = * - 5$

$x = 40$

3)  $x - 2 = -10$

$x - 2 = -10$

$+2 = +2$

$x = -8$

4)  $9x = 27$

$9x = 27$

$/9 = /9$

$x = 3$

5)  $x - 9 = -17$

$x - 9 = -17$

$+9 = +9$

$x = -8$

6)  $x - 9 = -16$

$x - 9 = -16$

$+9 = +9$

$x = -7$

7)  $x + 10 = 4$

$x + 10 = 4$

$-10 = -10$

$x = -6$

8)  $-2x = 10$

$-2x = 10$

$/ - 2 = / - 2$

$x = -5$

9)  $x + 4 = 0$

$x + 4 = 0$

$-4 = -4$

$x = -4$

10)  $9x = -45$

$9x = -45$

$/9 = /9$

$x = -5$

11)  $\frac{-x}{5} = 8$

$\frac{-x}{5} = 8$

$* - 5 = * - 5$

$x = -40$

12)  $\frac{x}{3} = -8$

$\frac{x}{3} = -8$

$*3 = *3$

$x = -24$