

**Solve for X.**

1)  $x + 10 = 3$

2)  $\frac{x}{9} = 4$

3)  $-8x = -80$

4)  $x - 1 = 7$

5)  $\frac{x}{5} = 7$

6)  $-9x = 72$

7)  $x - 2 = -9$

8)  $x - 5 = -4$

9)  $x + 4 = -3$

10)  $-7x = -7$

11)  $\frac{x}{2} = -4$

12)  $x + 2 = 11$

**Solve for X.**

1)  $x + 10 = 3$

**Answer:  $-7$** 

2)  $\frac{x}{9} = 4$

**Answer:  $36$** 

3)  $-8x = -80$

**Answer:  $10$** 

4)  $x - 1 = 7$

**Answer:  $8$** 

5)  $\frac{x}{5} = 7$

**Answer:  $35$** 

6)  $-9x = 72$

**Answer:  $-8$** 

7)  $x - 2 = -9$

**Answer:  $-7$** 

8)  $x - 5 = -4$

**Answer:  $1$** 

9)  $x + 4 = -3$

**Answer:  $-7$**

$$10) -7x = -7$$

Answer: 1

$$11) \frac{x}{2} = -4$$

Answer: -8

$$12) x + 2 = 11$$

Answer: 9

MathVine - Pre-Algebra

Name \_\_\_\_\_

One Step Linear Equations

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

### Solution Steps

$$1) x + 10 = 3$$

$$x + 10 = 3$$

$$-10 = -10$$

$$x = -7$$

$$2) \frac{x}{9} = 4$$

$$\frac{x}{9} = 4$$

$$*9 = *9$$

$$x = 36$$

$$3) -8x = -80$$

$$-8x = -80$$

$$/ -8 = / -8$$

$$x = 10$$

$$4) x - 1 = 7$$

$$x - 1 = 7$$

$$+1 = +1$$

$$x = 8$$

$$5) \frac{x}{5} = 7$$

$$\frac{x}{5} = 7$$

$$*5 = *5$$

$$x = 35$$

$$6) -9x = 72$$

$$-9x = 72$$

$$/ -9 = / -9$$

$$x = -8$$

$$7) x - 2 = -9$$

$$x - 2 = -9$$

$$+2 = +2$$

$$x = -7$$

$$8) x - 5 = -4$$

$$x - 5 = -4$$

$$+5 = +5$$

$$x = 1$$

$$9) x + 4 = -3$$

$$x + 4 = -3$$

$$-4 = -4$$

$$x = -7$$

$$10) -7x = -7$$

$$-7x = -7$$

$$/ -7 = / -7$$

$$x = 1$$

$$11) \frac{x}{2} = -4$$

$$\frac{x}{2} = -4$$

$$*2 = *2$$

$$x = -8$$

$$12) x + 2 = 11$$

$$x + 2 = 11$$

$$-2 = -2$$

$$x = 9$$