

Name: _____

Date: _____

LINEAR EQUATIONS

Solve each equation.

1.

$$4x = 4$$

$$x = 1$$

2.

$$x + 6 = -7$$

$$x = -13$$

3.

$$x - 4 = 7$$

$$x = 11$$

4.

$$-3(x + 7) = 9$$

$$x = -10$$

5.

$$2x + 4 = 8$$

$$x = 2$$

6.

$$14 = 3 + 2x$$

$$x = 11/2$$

7.

$$4 + 3(x + 2) = 10$$

$$x = 0$$

8.

$$3(x - 2) = 6$$

$$x = 4$$

9.

$$6 - x = 9$$

$$x = -3$$

10.

$$-3(2x - 8) =$$

$$x = 6$$

11.

$$8x - 3 = -19$$

$$x = -2$$

12.

$$-x = -12$$

$$x = 12$$

14.

$$4(6 + 2x) = 0$$

$$x = -3$$

15.

$$27 = 46 + 2x - x$$

$$x = -19$$

16.

$$5(x - 3) = 45$$

$$x = 12$$