Use Substitution to Solve each System.

1)
$$y = 4$$
$$y = -\frac{1}{2}x + 3$$

2)
$$y = -3x$$
$$y = -4x + 2$$

3)
$$y = -x + 8$$
$$y = x - 9$$

4)
$$y = 5x - 10$$
$$y = 4x + 2$$

Substitution

PRACTICE

Use Substitution to Solve each System.

5)
$$y = x + 2$$
$$y = -3x + 10$$

6)
$$y = -2x + 60$$
$$y = 2x - 32$$

7)
$$x = 3y - 11$$
$$x = -4y + 24$$

8)
$$x = -2y + 5$$
$$x = y - 1$$

Substitution — Review

Use Substitution to Solve each System.

9)
$$x = 3y + 13$$
$$-2y + x = 8$$

10)
$$2y + x = 21$$
$$y = 3x + 7$$

11)
$$y = 2x - 7$$
$$4y + 2x = 42$$

12)
$$x = y - 9$$
$$-x - y = -5$$

Use Substitution to Solve each System.

13)
$$y = -x - 15$$
$$-3x + y = -25$$

14)
$$-8x - y = 10$$
$$y = -3x$$

15)
$$-8x - 2y = 2$$
$$x = 7y - 22$$

16)
$$-x - 5y = -27$$
$$x = -y + 11$$