

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) $y = 5x - 10$

$$y = 4x + 2$$

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)

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

Use Substitution to Solve each System.

9)

$$\begin{aligned}x &= 3y + 13 \\ -2y + x &= 8\end{aligned}$$

10)

$$\begin{aligned}2y + x &= 21 \\ y &= 3x + 7\end{aligned}$$

11)

$$\begin{aligned}y &= 2x - 7 \\ 4y + 2x &= 42\end{aligned}$$

12)

$$\begin{aligned}x &= y - 9 \\ -x - y &= -5\end{aligned}$$

Use Substitution to Solve each System.

13)

$$\begin{aligned}y &= -x - 15 \\ -3x + y &= -25\end{aligned}$$

14)

$$\begin{aligned}-8x - y &= 10 \\ y &= -3x\end{aligned}$$

15)

$$\begin{aligned}-8x - 2y &= 2 \\ x &= 7y - 22\end{aligned}$$

16)

$$\begin{aligned}-x - 5y &= -27 \\ x &= -y + 11\end{aligned}$$