

Solving systems by elimination #2

© 2014 Kuta Software LLC. All rights reserved.

Solve each system by elimination.

1)
$$\begin{aligned} 6x + 8y &= -6 \\ 3x + 9y &= 27 \end{aligned}$$

2)
$$\begin{aligned} 8x - 8y &= 16 \\ -x + y &= -2 \end{aligned}$$

3)
$$\begin{aligned} -x - 10y &= 6 \\ 3x + 6y &= 6 \end{aligned}$$

4)
$$\begin{aligned} -3x + 7y &= 6 \\ 10x - 14y &= -20 \end{aligned}$$

5)
$$\begin{aligned} 4x + 9y &= 1 \\ -5x + 18y &= 28 \end{aligned}$$

6)
$$\begin{aligned} 3x + 16y &= -6 \\ 10x - 8y &= -20 \end{aligned}$$

$$\begin{aligned} 7) \quad 6x - 2y &= -12 \\ 12x - 4y &= -24 \end{aligned}$$

$$\begin{aligned} 8) \quad 3x - 6y &= 12 \\ -6x + 12y &= -30 \end{aligned}$$

$$\begin{aligned} 9) \quad 8x + 9y &= -26 \\ -9x - 6y &= -12 \end{aligned}$$

$$\begin{aligned} 10) \quad -8x - 6y &= -24 \\ -9x - 4y &= -16 \end{aligned}$$

$$\begin{aligned} 11) \quad 6x + 3y &= -9 \\ 10x + 7y &= -29 \end{aligned}$$

$$\begin{aligned} 12) \quad 9x - 2y &= 28 \\ -4x + 3y &= -23 \end{aligned}$$