

Solving systems by elimination #2

© 2014 Kuta Software LLC. All rights reserved.

Date_____ Period____

Solve each system by elimination.

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

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

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

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

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

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

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

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

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

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

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

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