

Solve systems using Elimination Day 2

Date _____ Period _____

Solve each system by elimination.

$$\begin{aligned} 1) \quad & 6x - 8y = 18 \\ & -9x + 4y = -27 \end{aligned}$$

$$\begin{aligned} 2) \quad & 5x - 10y = -10 \\ & -x + 20y = 20 \end{aligned}$$

$$\begin{aligned} 3) \quad & 2x - 8y = 2 \\ & -8x + 9y = -8 \end{aligned}$$

$$\begin{aligned} 4) \quad & -x + 8y = -6 \\ & -3x - 16y = -18 \end{aligned}$$

$$\begin{aligned} 5) \quad & 10x - 3y = 2 \\ & -20x + 5y = -10 \end{aligned}$$

$$\begin{aligned} 6) \quad & x - 2y = 11 \\ & -2x - 8y = 26 \end{aligned}$$

$$\begin{aligned} 7) \quad & 10x - 9y = -7 \\ & -9x + 6y = 21 \end{aligned}$$

$$\begin{aligned} 8) \quad & 3x + 7y = -1 \\ & 7x - 6y = 20 \end{aligned}$$

$$\begin{aligned} 9) \quad & -8x - 7y = -2 \\ & 9x + 9y = 9 \end{aligned}$$

$$\begin{aligned} 10) \quad & 10x + 9y = -16 \\ & -9x - 5y = 2 \end{aligned}$$

$$\begin{aligned} 11) \quad & -5x + 3y = -25 \\ & -4x - 2y = 2 \end{aligned}$$

$$\begin{aligned} 12) \quad & 4x - 5y = 13 \\ & 5x - 3y = 0 \end{aligned}$$

Answers to Solve systems using Elimination Day 2

1) $(3, 0)$

5) $(2, 6)$

9) $(-5, 6)$

2) $(0, 1)$

6) $(3, -4)$

10) $(2, -4)$

3) $(1, 0)$

7) $(-7, -7)$

11) $(2, -5)$

4) $(6, 0)$

8) $(2, -1)$

12) $(-3, -5)$