

Solve Systems using Elimination Day 1

Date _____ Period _____

Solve each system by elimination.

$$\begin{array}{l} 1) \quad -2x + y = 12 \\ \quad \quad x - y = -2 \end{array}$$

$$\begin{array}{l} 2) \quad -8x - 2y = 12 \\ \quad \quad -7x + 2y = 3 \end{array}$$

$$\begin{array}{l} 3) \quad 9x - y = 20 \\ \quad \quad 9x - 5y = 28 \end{array}$$

$$\begin{array}{l} 4) \quad 10x - 5y = -15 \\ \quad \quad -8x - 5y = -15 \end{array}$$

$$\begin{array}{l} 5) \quad 2x - 18y = -26 \\ \quad \quad -4x + 9y = -2 \end{array}$$

$$\begin{array}{l} 6) \quad -3x + 5y = -24 \\ \quad \quad -6x + 3y = -6 \end{array}$$

$$\begin{array}{l} 7) \quad -10x + 6y = 26 \\ \quad \quad 5x - 10y = -20 \end{array}$$

$$\begin{array}{l} 8) \quad 3x + 4y = -12 \\ \quad \quad 2x - 2y = 20 \end{array}$$

$$\begin{array}{l} 9) \quad 8x - 2y = -24 \\ \quad \quad -9x + 4y = 27 \end{array}$$

$$\begin{array}{l} 10) \quad 8x - 5y = -24 \\ \quad \quad -10x - 10y = 30 \end{array}$$

Answers to Solve Systems using Elimination Day 1

1) $(-10, -8)$

5) $(5, 2)$

9) $(-3, 0)$

2) $(-1, -2)$

6) $(-2, -6)$

10) $(-3, 0)$

3) $(2, -2)$

7) $(-2, 1)$

4) $(0, 3)$

8) $(4, -6)$