

Class Time Examples

Date _____

Solve each system by elimination.

$$\begin{aligned} 1) \quad & 8y + 8x - 7 = 0 \\ & -x - y = 0 \end{aligned}$$

$$\begin{aligned} 2) \quad & 0 = -4 + 3y - 7x \\ & 0 = 28 - 4y - 2x \end{aligned}$$

$$\begin{aligned} 3) \quad & 0 = 84 - 21y - 21x \\ & -16 = 2y - 4x \end{aligned}$$

$$\begin{aligned} 4) \quad & 0 = -27 - 27x - 9y \\ & -10 + 10y - 10x = 0 \end{aligned}$$

$$\begin{aligned} 5) \quad & -6x = -6 - 4y \\ & -3y = -8x + 22 \end{aligned}$$

$$\begin{aligned} 6) \quad & -72x = -32y - 8 \\ & 45x - 20y = 5 \end{aligned}$$

$$\begin{aligned} 7) \quad & 7x + 10 = 2y \\ & 30x = 9y - 39 \end{aligned}$$

$$\begin{aligned} 8) \quad & -4y = -3x - 26 \\ & -66 + 12x = -18y \end{aligned}$$

Answers to Class Time Examples

1) No solution

5) $(5, 6)$

8) $(-2, 5)$

2) $(2, 6)$

6) Infinite number of solutions

3) $(4, 0)$

7) $(-4, -9)$

4) $(-1, 0)$

