

Chapter 14 Review

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Solve each system by elimination. Show all work.

$$\begin{aligned} 1) \quad & -7x + 3y = 0 \\ & 9x - 3y = -6 \end{aligned}$$

$$\begin{aligned} 2) \quad & 2x + 9y = -3 \\ & -2x - 4y = 8 \end{aligned}$$

$$\begin{aligned} 3) \quad & -x - y = 10 \\ & -x - 2y = 17 \end{aligned}$$

$$\begin{aligned} 4) \quad & 3x + 4y = -19 \\ & 3x + 7y = -22 \end{aligned}$$

$$\begin{aligned} 5) \quad & -20x - 6y = 24 \\ & 10x - 7y = 28 \end{aligned}$$

$$\begin{aligned} 6) \quad & -20x + 2y = 20 \\ & -10x + 9y = 10 \end{aligned}$$

$$\begin{aligned} 7) \quad & -4x + 7y = -18 \\ & 9x - 6y = 21 \end{aligned}$$

$$\begin{aligned} 8) \quad & 10x + 10y = -10 \\ & 4x - 7y = 29 \end{aligned}$$

Answers to Chapter 14 Review

1) $(-3, -7)$

2) $(-6, 1)$

3) $(-3, -7)$

4) $(-5, -1)$

5) $(0, -4)$

6) $(-1, 0)$

7) $(1, -2)$

8) $(2, -3)$