

14-06-03-T7

Solve each system by elimination.

$$\begin{aligned} 1) \quad & -3y = 5x - 16 \\ & 6x - 36 = -12y \end{aligned}$$

$$\begin{aligned} 2) \quad & 0 = -10 + 5y - 5x \\ & -3y + 8 = -4x \end{aligned}$$

$$\begin{aligned} 3) \quad & 6y - 6 + 18x = 0 \\ & \frac{14}{5} - \frac{4}{5}x = -y \end{aligned}$$

$$\begin{aligned} 4) \quad & -6 - 2y + 4x = 0 \\ & 9x + 9y = -54 \end{aligned}$$

$$\begin{aligned} 5) \quad & -\frac{2}{3}y + \frac{8}{3} = x \\ & 0 = 5 + 5y - 5x \end{aligned}$$

$$\begin{aligned} 6) \quad & -4y + 9 = -3x \\ & 13 - 6y = -5x \end{aligned}$$

$$\begin{aligned} 7) \quad & 6y + 2x = 14 \\ & 3x + 4y - 6 = 0 \end{aligned}$$

$$\begin{aligned} 8) \quad & 4x = -3y \\ & 2y = -5x - 7 \end{aligned}$$

Answers to 14-06-03-T7

1) (2, 2)

2) (-2, 0)

3) (1, -2)

4) (-1, -5)

5) (2, 1)

6) (1, 3)

7) (-2, 3)

8) (-3, 4)