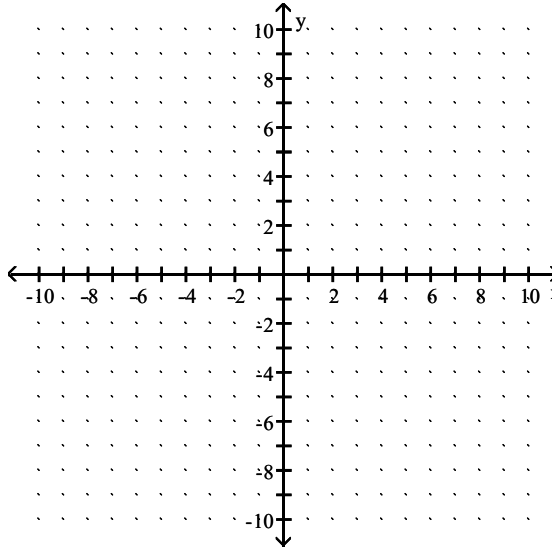


Name _____

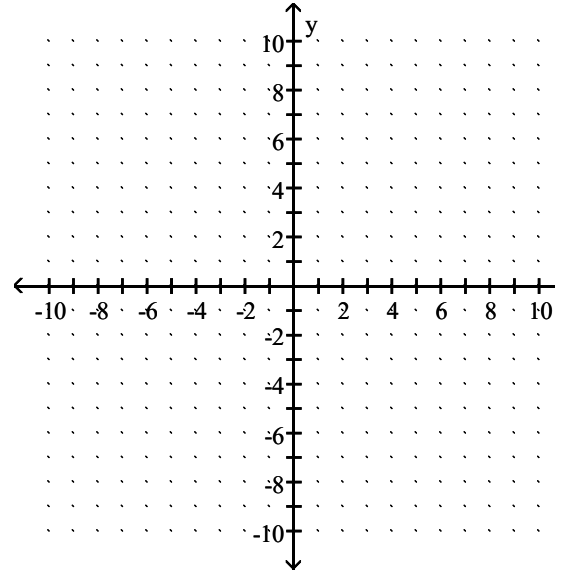
Solve the system of equations graphically.

$$\begin{aligned} 1) \quad & 2x + 3y = 30 \\ & 3x + 2y = 25 \end{aligned}$$



Solve the system of equations graphically.

$$\begin{aligned} 5) \quad & x + 2y = 4 \\ & y = 23 - 4 \end{aligned}$$



Solve.

$$\begin{aligned} 2) \quad & x - 3y = -11 \\ & -6x - 4y = 22 \end{aligned}$$

$$\begin{aligned} 6) \quad & x + y = 2 \\ & x + y = -5 \end{aligned}$$

$$\begin{aligned} 3) \quad & x + 5y = 6 \\ & -4x + 6y = -24 \end{aligned}$$

$$\begin{aligned} 7) \quad & 3x + 6y = 10 \\ & 12x + 24y = 40 \end{aligned}$$

$$\begin{aligned} 4) \quad & -6x + 6y = -54 \\ & -3x - 3y = -27 \end{aligned}$$

$$\begin{aligned} 8) \quad & \frac{1}{5}x - \frac{1}{4}y = 1 \\ & \frac{2}{5}x + \frac{1}{2}y = 1 \end{aligned}$$

Answer Key

Testname: WKS_11.1_11.2_11.3

- 1) (3, 8)
- 2) (-5, 2)
- 3) (6, 0)
- 4) (9, 0)
- 5) (6, -1)
- 6) No solutions
- 7) Infinitely many
- 8) $\left(\frac{15}{4}, -1\right)$