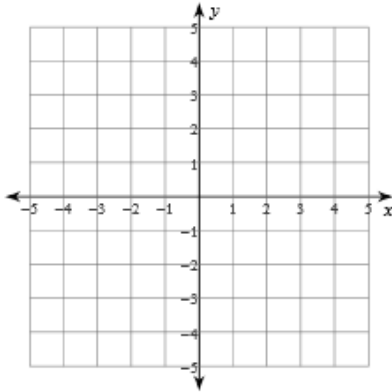
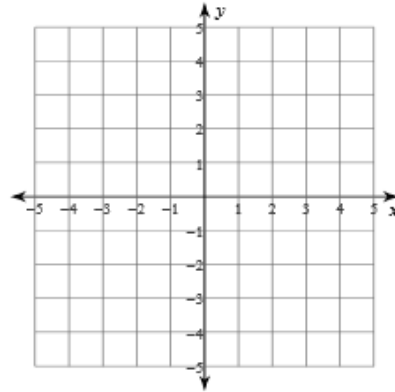


Solve each system by graphing.

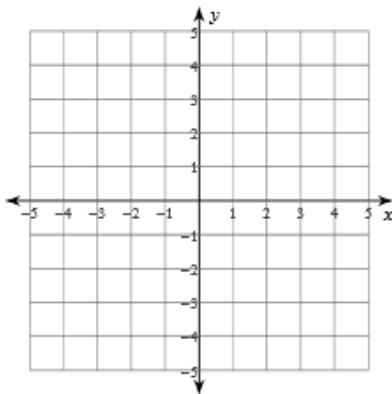
$$1) \begin{aligned} y &= x - 2 \\ y &= -x + 4 \end{aligned}$$



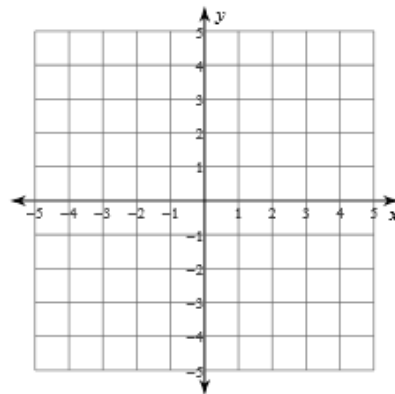
$$2) \begin{aligned} y &= -4x - 1 \\ y &= 3 \end{aligned}$$



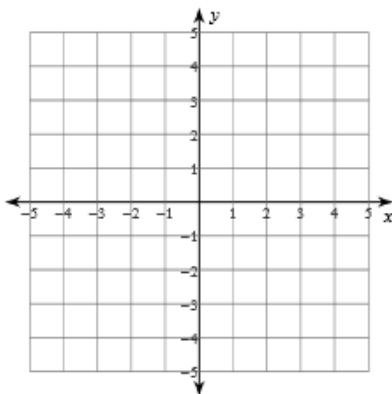
$$3) \begin{aligned} y &= -2x + 4 \\ y &= -\frac{1}{2}x - 2 \end{aligned}$$



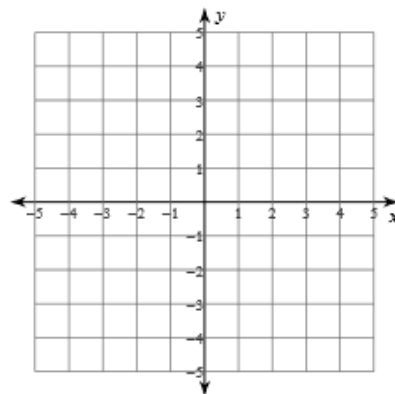
$$4) \begin{aligned} y &= -\frac{3}{2}x + 1 \\ y &= x - 4 \end{aligned}$$



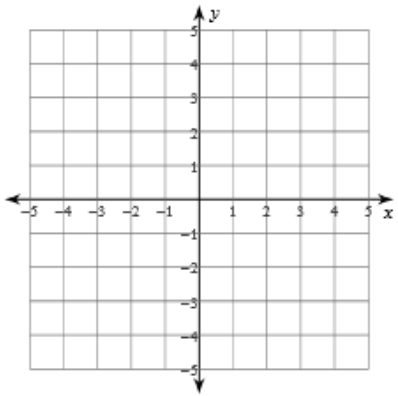
$$5) \begin{aligned} 7x - 3y &= 9 \\ x - 3y &= -9 \end{aligned}$$



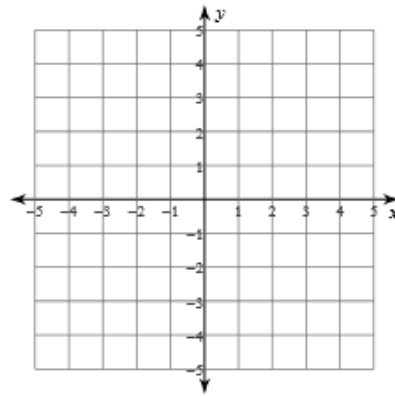
$$6) \begin{aligned} 3x + 2y &= -8 \\ 5x - 2y &= -8 \end{aligned}$$



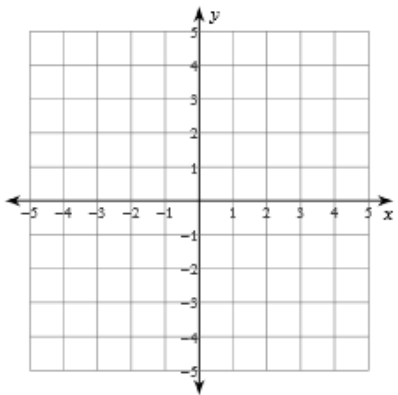
$$\begin{aligned} 7) \quad x - y &= -1 \\ x - y &= 4 \end{aligned}$$



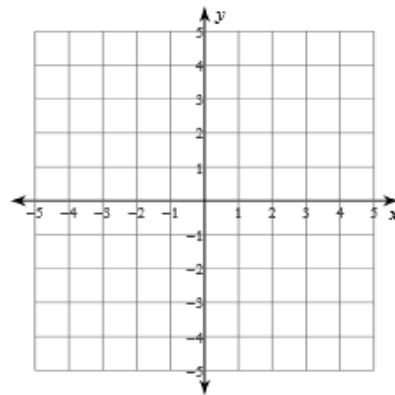
$$\begin{aligned} 8) \quad 7x + 3y &= 12 \\ x + 3y &= -6 \end{aligned}$$



$$\begin{aligned} 9) \quad 2x - y &= 4 \\ 3x + y &= 1 \end{aligned}$$



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



Solve each system by substitution.

$$\begin{aligned} 11) \quad y &= -4x + 19 \\ y &= x - 1 \end{aligned}$$

$$\begin{aligned} 13) \quad 6x - 7y &= -16 \\ y &= -8x + 20 \end{aligned}$$

$$\begin{aligned} 15) \quad y &= -3x - 16 \\ -x + 2y &= -11 \end{aligned}$$

$$\begin{aligned} 17) \quad -2x + y &= -18 \\ 3x + 7y &= 10 \end{aligned}$$

$$\begin{aligned} 19) \quad 3x + 4y &= 3 \\ -2x + y &= -2 \end{aligned}$$

$$\begin{aligned} 21) \quad -3x + 5y &= 14 \\ 6x + 6y &= -12 \end{aligned}$$

$$\begin{aligned} 23) \quad -4x - 5y &= -1 \\ -7x - 7y &= 7 \end{aligned}$$

$$\begin{aligned} 12) \quad y &= -8x - 16 \\ y &= 5x - 3 \end{aligned}$$

$$\begin{aligned} 14) \quad 2x + 5y &= -23 \\ y &= -3 \end{aligned}$$

$$\begin{aligned} 16) \quad 2x - 5y &= 9 \\ y &= 3x - 7 \end{aligned}$$

$$\begin{aligned} 18) \quad x - 2y &= 0 \\ -2x - y &= 20 \end{aligned}$$

$$\begin{aligned} 20) \quad 7x - 6y &= -14 \\ 6x + y &= -12 \end{aligned}$$

$$\begin{aligned} 22) \quad -x - 5y &= 13 \\ y &= -1 \end{aligned}$$

$$\begin{aligned} 24) \quad -3x - y &= 0 \\ -3x + 6y &= 21 \end{aligned}$$

Answers to (ID: 1)

- | | | | |
|---------------|-----------------|----------------|----------------|
| 1) $(3, 1)$ | 2) $(-1, 3)$ | 3) $(4, -4)$ | 4) $(2, -2)$ |
| 5) $(3, 4)$ | 6) $(-2, -1)$ | 7) No solution | 8) $(3, -3)$ |
| 9) $(1, -2)$ | 10) No solution | 11) $(4, 3)$ | 12) $(-1, -8)$ |
| 13) $(2, 4)$ | 14) $(-4, -3)$ | 15) $(-3, -7)$ | 16) $(2, -1)$ |
| 17) $(8, -2)$ | 18) $(-8, -4)$ | 19) $(1, 0)$ | 20) $(-2, 0)$ |
| 21) $(-3, 1)$ | 22) $(-8, -1)$ | 23) $(-6, 5)$ | 24) $(-1, 3)$ |