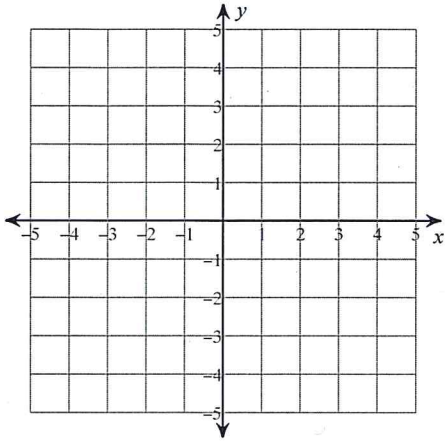


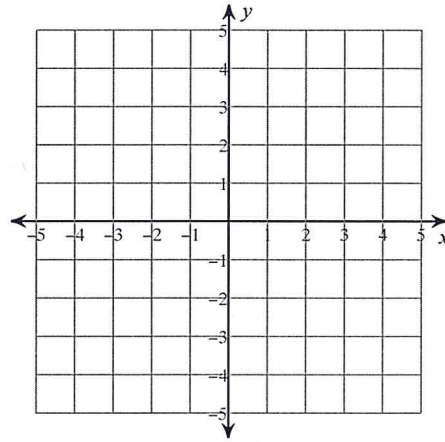
Quiz #4 Preparation

Solve each system by graphing.

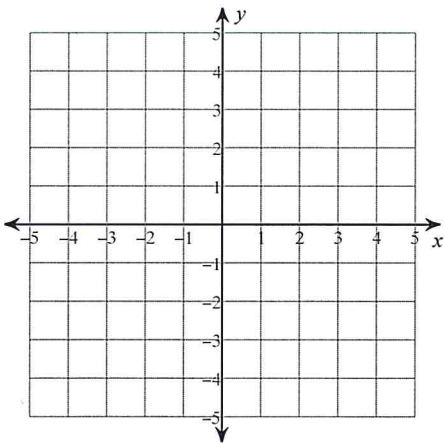
$$\begin{aligned} 1) \quad & 2x + y = -3 \\ & 3x - y = -2 \end{aligned}$$



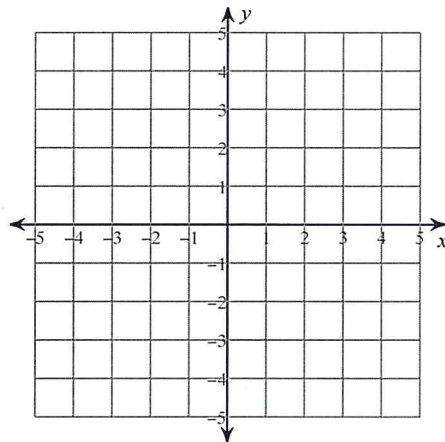
$$\begin{aligned} 2) \quad & x - y = 3 \\ & 5x - y = -1 \end{aligned}$$



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

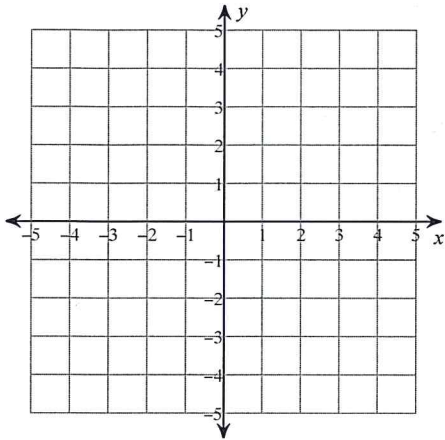


$$\begin{aligned} 4) \quad & y = \frac{8}{3}x - 4 \\ & y = \frac{1}{3}x + 3 \end{aligned}$$



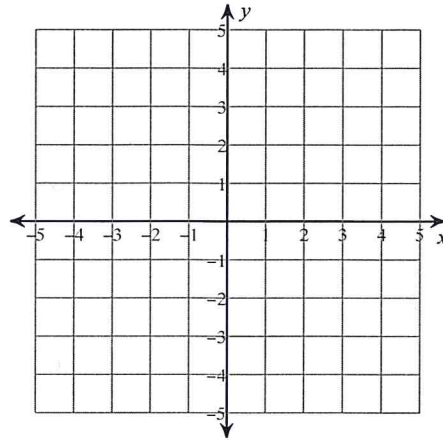
$$5) y = \frac{7}{3}x + 4$$

$$y = \frac{2}{3}x - 1$$



$$6) 0 = -x - 2 + y$$

$$-3 = x$$



Solve each system by substitution.

$$7) 4x - 2y = 12$$

$$x - 3y = 23$$

$$8) 5x - 8y = 20$$

$$-4x + y = 11$$

$$9) -6x - 2y = 22$$

$$x + 4y = -22$$

$$10) x + 4y = 14$$

$$-4x + 2y = -20$$

$$11) -5x - 3y = -2$$

$$6x + y = 18$$

$$12) x - 2y = 8$$

$$-6x + 2y = -8$$

$$13) x - y = 1$$

$$-2x + 4y = -2$$

$$14) -5x - 6y = 5$$

$$x - y = 10$$

$$15) x - 6y = 7$$

$$-2x + 3y = -14$$

$$16) x + 7y = -1$$

$$4x + 4y = -4$$

$$17) -2x - y = 12$$

$$-4x + y = 0$$

$$18) 5x + 6y = 10$$

$$-2x + y = 13$$

$$19) -6x - y = -18$$

$$2x + y = 10$$

$$20) 2x - 5y = 15$$

$$8x + y = -3$$

$$21) -4x - 4y = -24$$

$$x - 5y = 12$$

Solve each system by elimination.

$$\begin{aligned} 22) \quad & 8x + 7y = 15 \\ & -2x - 7y = -9 \end{aligned}$$

$$\begin{aligned} 23) \quad & 3x - 7y = -4 \\ & -3x + 7y = 4 \end{aligned}$$

$$\begin{aligned} 24) \quad & 5x + y = -4 \\ & -5x - 9y = -4 \end{aligned}$$

$$\begin{aligned} 25) \quad & -2x + 6y = 14 \\ & 2x - 7y = -19 \end{aligned}$$

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

$$\begin{aligned} 27) \quad & 5x + 3y = -29 \\ & 5x + 3y = -29 \end{aligned}$$

$$\begin{aligned} 28) \quad & 3x + 8y = -3 \\ & 8x + 8y = -8 \end{aligned}$$

$$\begin{aligned} 29) \quad & 3x + 2y = -9 \\ & 2x + 2y = -10 \end{aligned}$$

$$\begin{aligned} 30) \quad & 4x - y = 30 \\ & 4x + 2y = 0 \end{aligned}$$

$$\begin{aligned} 31) \quad & 3x + 5y = 8 \\ & 3x - 4y = -1 \end{aligned}$$

$$\begin{aligned} 32) \quad & -20 + 10x = 2y \\ & -3y - 17 = -2x \end{aligned}$$

$$\begin{aligned} 33) \quad & 9x + 5y = 27 \\ & 3x + y = 15 \end{aligned}$$

$$\begin{aligned} 34) \quad & -18x - 30y = 18 \\ & x - \frac{5}{8}y = -1 \end{aligned}$$

$$\begin{aligned} 35) \quad & 9x + 6y = -24 \\ & 3x = 4 + y \end{aligned}$$

$$\begin{aligned} 36) \quad & -6y - 2 = 8x \\ & -12y + 2x = -14 \end{aligned}$$