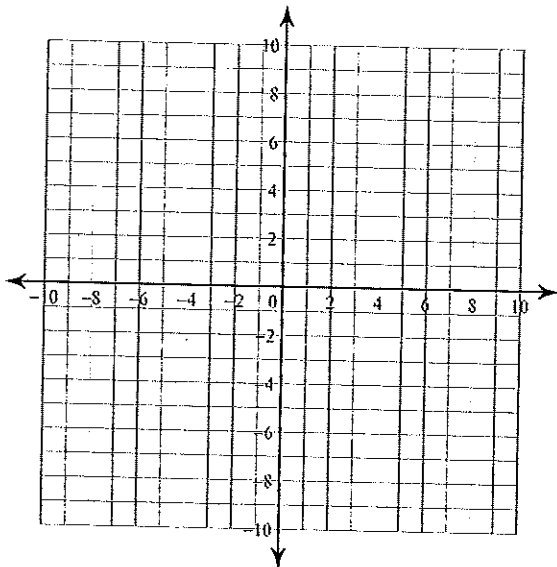


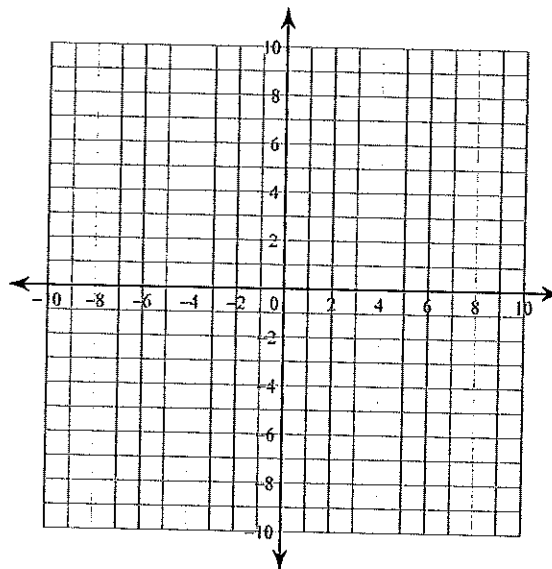
Solving Systems of Linear Equations

Solve each system by graphing.

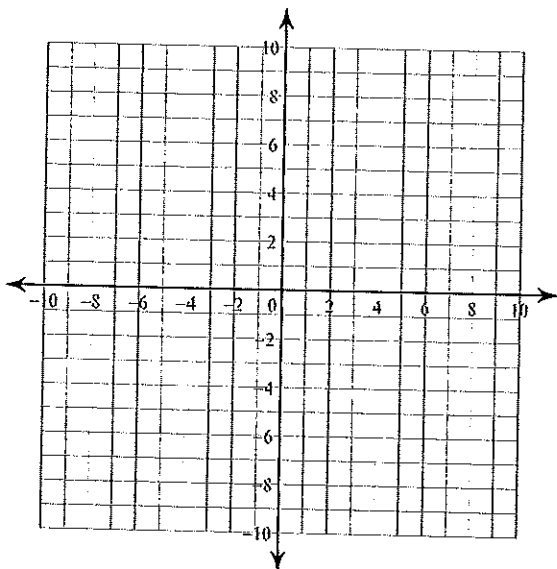
1) $y = -9$
 $y = -6x - 3$



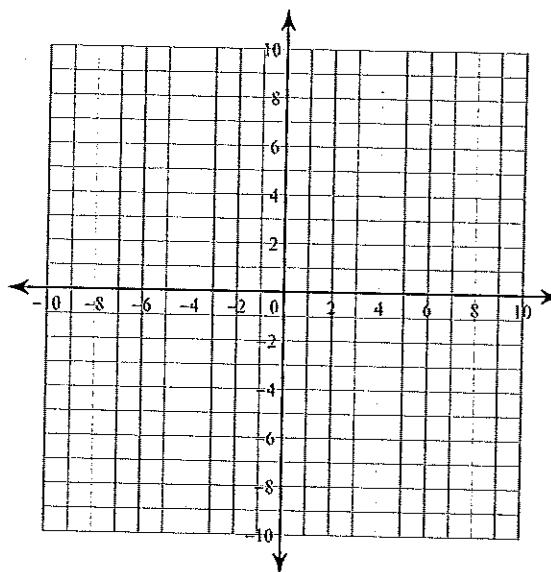
2) $y = -\frac{1}{2}x + 7$
 $y = -\frac{1}{2}x + 2$



3) $4x + 3y = 9$
 $2x - 3y = 27$



4) $2x + y = 6$
 $11x - y = 7$



Solve each system by elimination.

$$\begin{aligned} 5) \quad & -4x + 7y = 19 \\ & -10x - 7y = 23 \end{aligned}$$

$$\begin{aligned} 6) \quad & 4x - 10y = 20 \\ & 4x - 2y = -12 \end{aligned}$$

$$\begin{aligned} 7) \quad & 4x - 20y = -16 \\ & 2x - 10y = -8 \end{aligned}$$

$$\begin{aligned} 8) \quad & -3x + 4y = 16 \\ & 4x - 3y = -26 \end{aligned}$$

Solve each system by substitution.

$$\begin{aligned} 9) \quad & y = -6x + 4 \\ & 7x - 4y = 15 \end{aligned}$$

$$\begin{aligned} 10) \quad & 3x + 8y = 22 \\ & y = -8x + 18 \end{aligned}$$

$$\begin{aligned} 11) \quad & x + y = -13 \\ & -6x + 8y = -20 \end{aligned}$$

$$\begin{aligned} 12) \quad & -10x - 2y = -7 \\ & 5x + y = -1 \end{aligned}$$