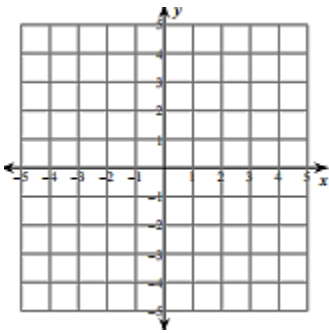


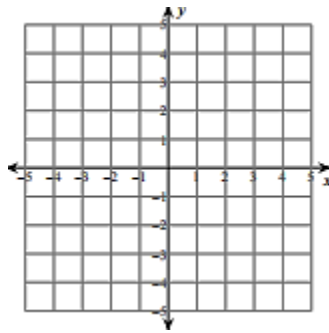
Homework 2.6 Solving System of Equations Graphically

Solve each system by graphing.

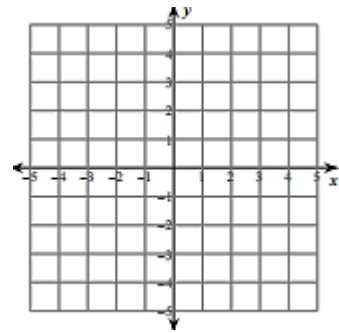
1.
$$\begin{cases} y = -\frac{5}{3}x + 3 \\ y = \frac{1}{3}x - 3 \end{cases}$$



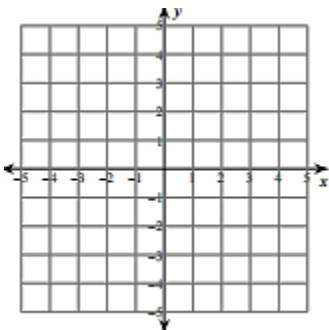
2.
$$\begin{cases} y = 4x + 3 \\ y = -x - 2 \end{cases}$$



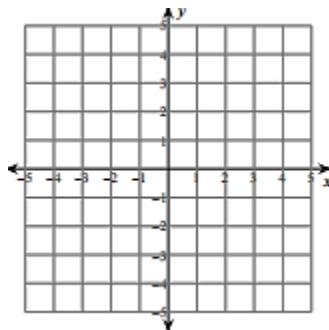
3.
$$\begin{cases} y = -\frac{5}{3}x + 3 \\ y = \frac{1}{3}x - 3 \end{cases}$$



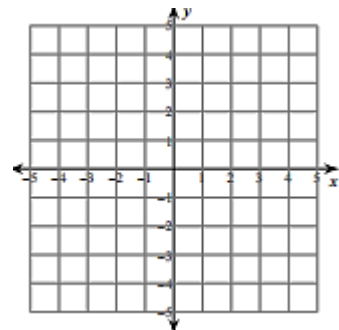
4.
$$\begin{cases} y = -1 \\ y = -\frac{5}{2}x + 4 \end{cases}$$



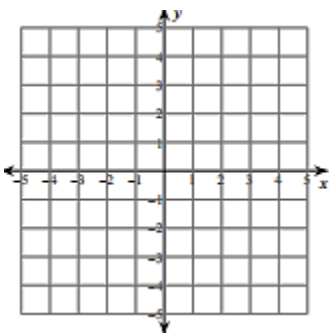
5.
$$\begin{cases} y = -\frac{1}{2}x - 1 \\ y = \frac{1}{4}x - 4 \end{cases}$$



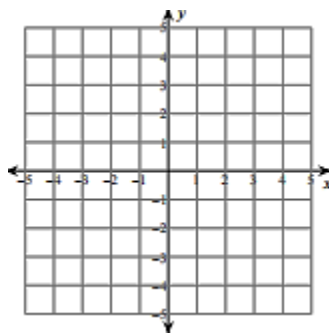
6.
$$\begin{cases} y = -2x + 2 \\ y = -2x - 2 \end{cases}$$



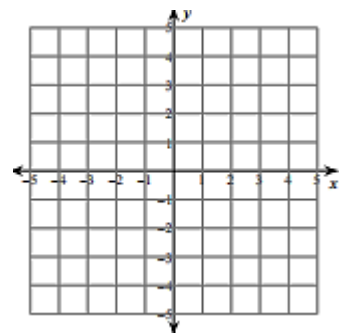
7.
$$\begin{cases} y = \frac{1}{2}x - 2 \\ y = -\frac{3}{2}x + 2 \end{cases}$$



8.
$$\begin{cases} y = \frac{1}{3}x - 3 \\ y = -x + 1 \end{cases}$$



9.
$$\begin{cases} y = x + 3 \\ y = x + 3 \end{cases}$$



10. Name the three type of solutions that a system of linear equations may have and why each will occur?

