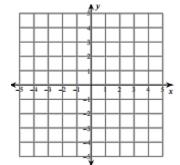
Solve each system by graphing.

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

$$\begin{cases} y = -\frac{5}{3}x + 3 \\ y = \frac{1}{2}x - 3 \end{cases}$$
 2.
$$\begin{cases} y = 4x + 3 \\ y = -x - 2 \end{cases}$$

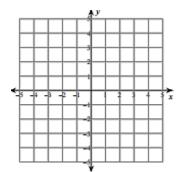
3.
$$\begin{cases} y = -\frac{5}{3}x + 3 \\ y = \frac{1}{3}x - 3 \end{cases}$$

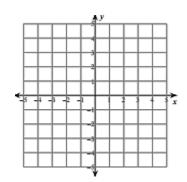


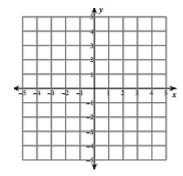
4.
$$\begin{cases} y = -1 \\ y = -\frac{5}{2}x + 4 \end{cases}$$

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

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



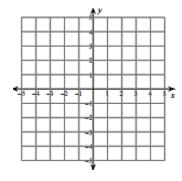


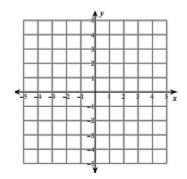


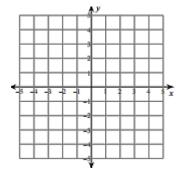
7.
$$\begin{cases} y - \frac{1}{2}x - 2 \\ y = -\frac{3}{2}x + 2 \end{cases}$$

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

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

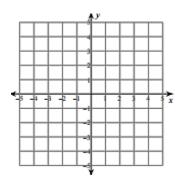




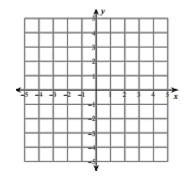


10. Name the three type of solutions that a system of linear equations may have and why each will occur?

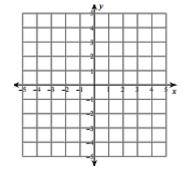
11.
$$\begin{cases} 5x + y = 4 \\ x - y = 2 \end{cases}$$



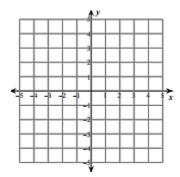
$$12. \begin{cases} x - 4y = -4 \\ 5x - 4y = 12 \end{cases}$$



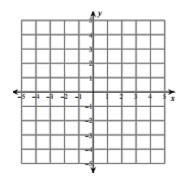
13.
$$\begin{cases} x + y = 3 \\ 8x + y = -4 \end{cases}$$



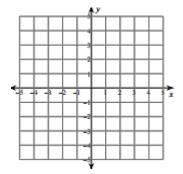
14.
$$\begin{cases} x - y = 2 \\ x = -2 \end{cases}$$



15.
$$\begin{cases} 2x + y = 1 \\ -2x - y = 3 \end{cases}$$

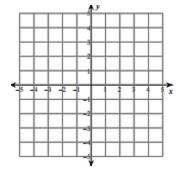


$$16. \begin{cases} x - 3y = -6 \\ 2x - y = 3 \end{cases}$$

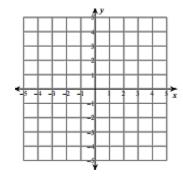


For each type of solution that a system of equation may have, create an example of a system and provide the corresponding graphical representation.

17. {



18. {



19.

