

Algebra Assignment

Solving Systems of Equations by Substitution and Graphing

Solve the system of equations by substitution

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

2.
$$\begin{cases} y = -6x + 8 \\ y = -3x + 2 \end{cases}$$

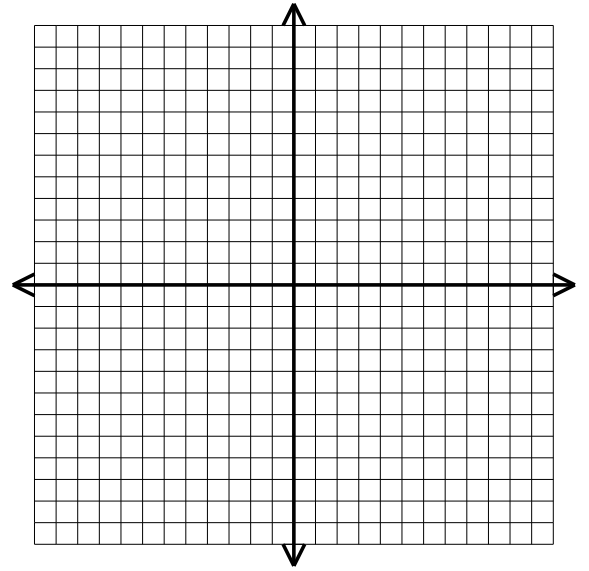
3.
$$\begin{cases} y = -\frac{2}{3}x - 7 \\ y = \frac{1}{3}x - 1 \end{cases}$$

4.
$$\begin{cases} y = -\frac{6}{5}x + 8 \\ y = \frac{1}{5}x - 6 \end{cases}$$

Solve the system of equations by graphing

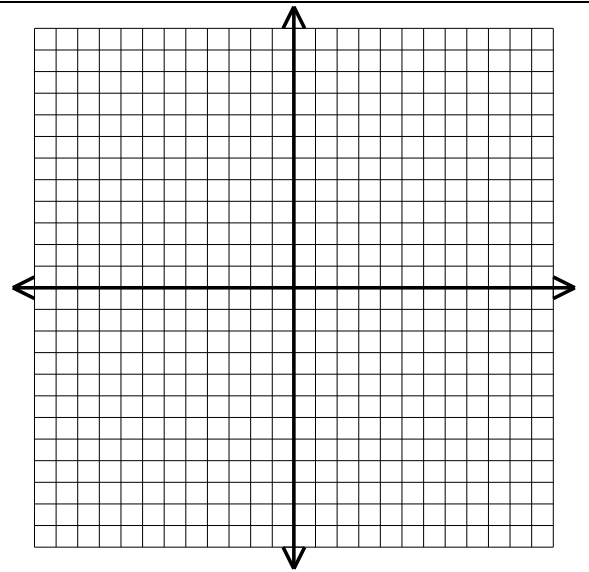
5.

$$\begin{cases} y = \frac{5}{2}x - 3 \\ y = -x + 11 \end{cases}$$



6.

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



7.

$$\begin{cases} y = -\frac{1}{8}x \\ y = \frac{1}{2}x - 5 \end{cases}$$

