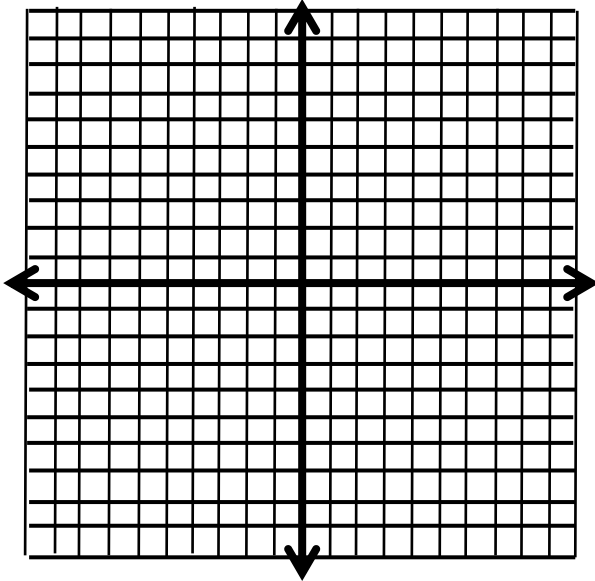


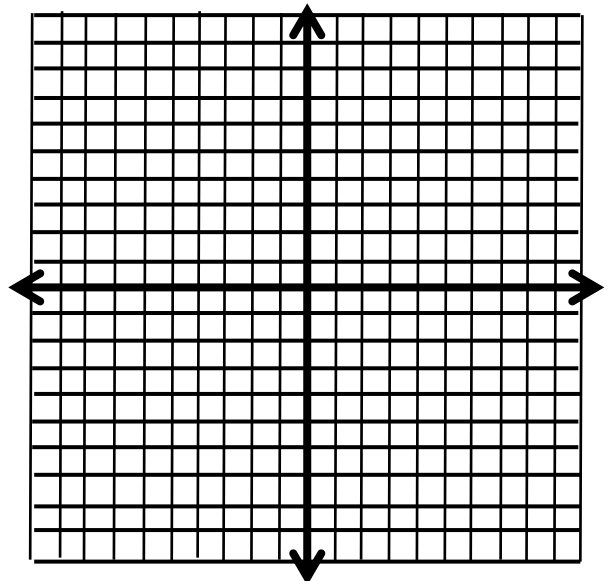
Graphing and Substitution Worksheet

Solve each system by graphing.

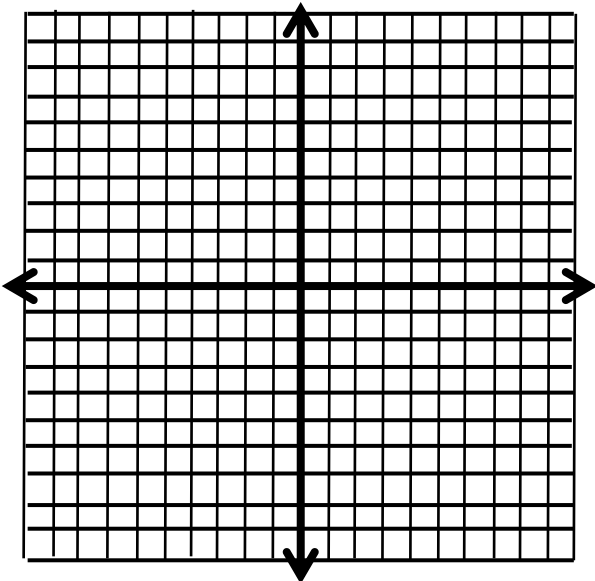
$$\begin{aligned} 1. \quad & y = x - 8 \\ & y = -\frac{4}{7}x + 3 \end{aligned}$$



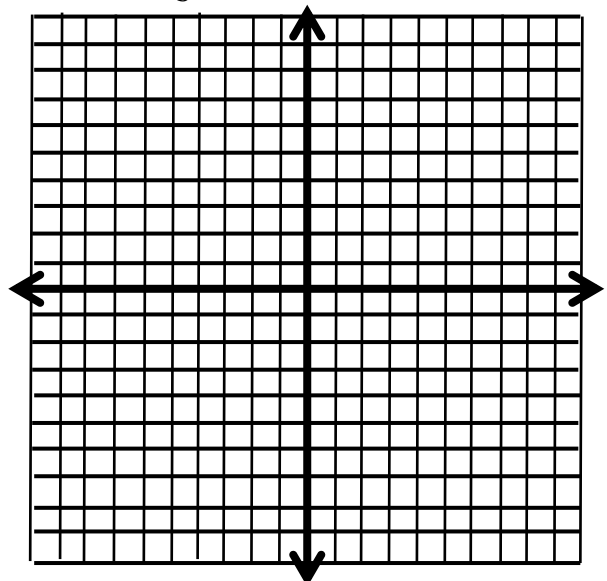
$$\begin{aligned} 2. \quad & y = \frac{11}{2}x - 9 \\ & y = \frac{1}{2}x + 1 \end{aligned}$$



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



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



Solve each system by substitution.

5. $5x + 6y = -18$
 $y = 6x - 3$

6. $y = 3x + 12$
 $8x - 6y = -12$

7. $y = 5x + 14$
 $8x + 8y = 16$

8. $3x - 5y = -6$
 $y = 5x + 10$