

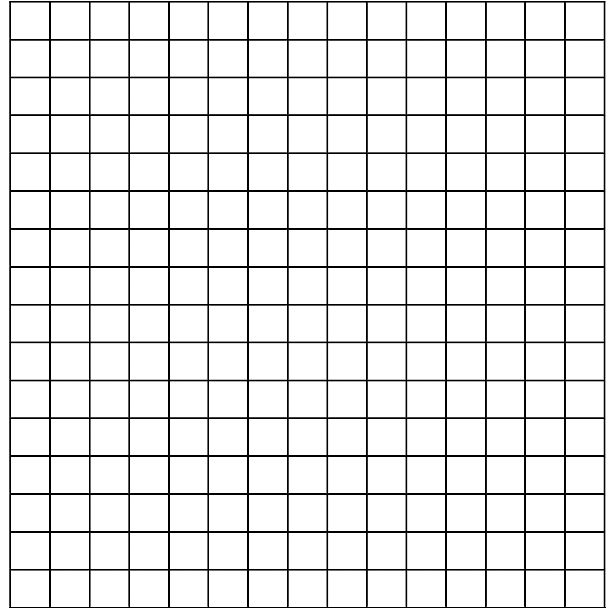
Worksheet 6-3: Solving Linear Systems by Graphing

The solution to a linear system is the point of intersection of the lines involved in the system. A linear system can be solved by graphing the lines, then identifying the (x, y) of the intersection point from the graph.

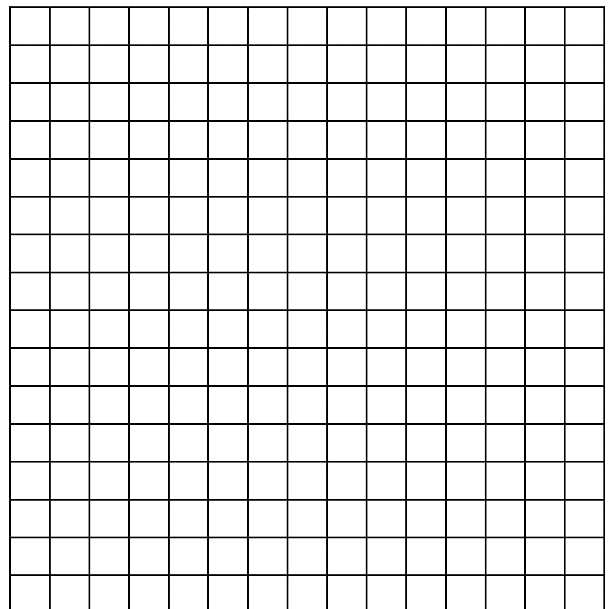
Practice:

1. Solve each system of linear equations graphically.

(a) $y = -x + 4$
 $y = x$

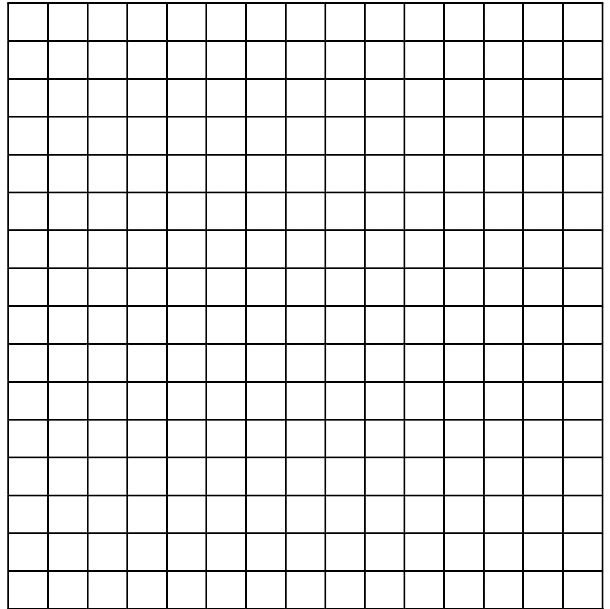


(b) $y = 7x - 2$
 $y = -x + 6$



2. Solve each linear system by graphing.

$y + 2x = -5$
(a) $y = \frac{2}{3}x + 3$



(b) $2x + y = 8$
 $x - 2y = -6$

