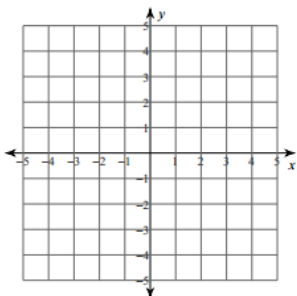


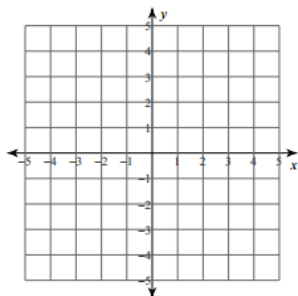
## Systems of Equations (Graphically)

• The **solution** to a **system of linear equations** is the **point of intersection** of the two graphs.  
For each of the following **systems of equations** graph the two given lines to determine the solution.

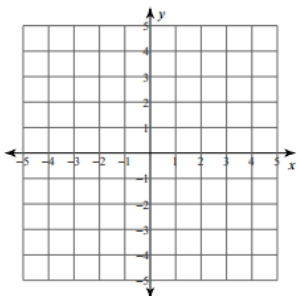
1.  $y = 2x - 3$   
 $y = -3x + 2$



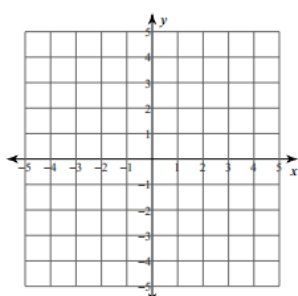
4.  $y = -2x - 4$   
 $y = 4x + 2$



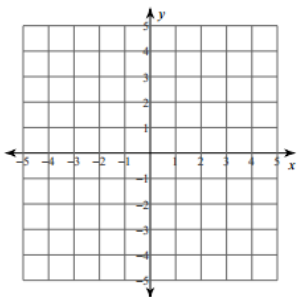
2.  $y = 4x + 1$   
 $y = x - 2$



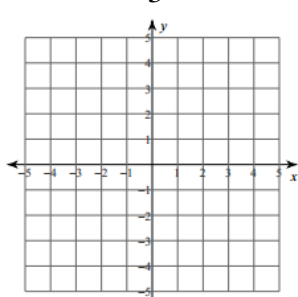
5.  $y = -\frac{1}{3}x + 2$   
 $y = -2x - 3$



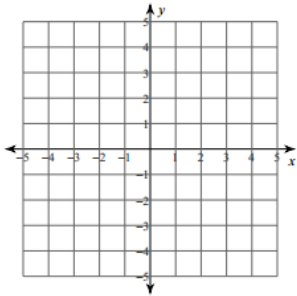
3.  $y = -x + 1$   
 $x = 3$



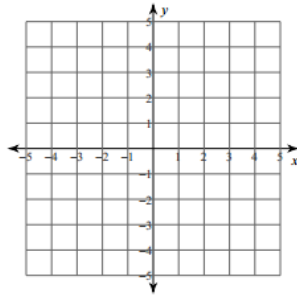
6.  $y = -\frac{5}{3}x + 1$   
 $y = -\frac{1}{3}x - 3$



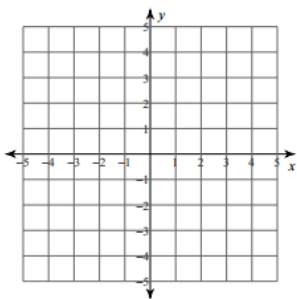
7.  $y = 1$   
 $y = \frac{4}{3}x - 3$



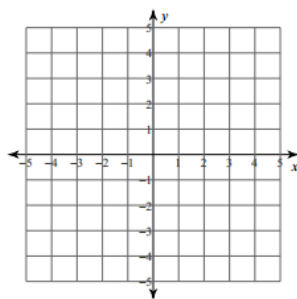
10.  $x - 4y = -4$   
 $5x - 4y = 12$



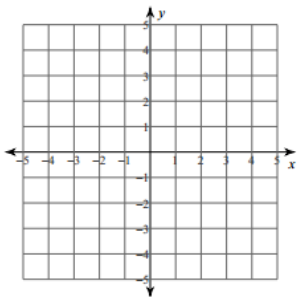
8.  $x + y = 3$   
 $8x + y = -4$



11.  $2x + y = -4$   
 $x + 4y = 12$



9.  $x - y = 2$   
 $x = -2$



12.  $2x + 3y = -12$   
 $5x - 3y = -9$

