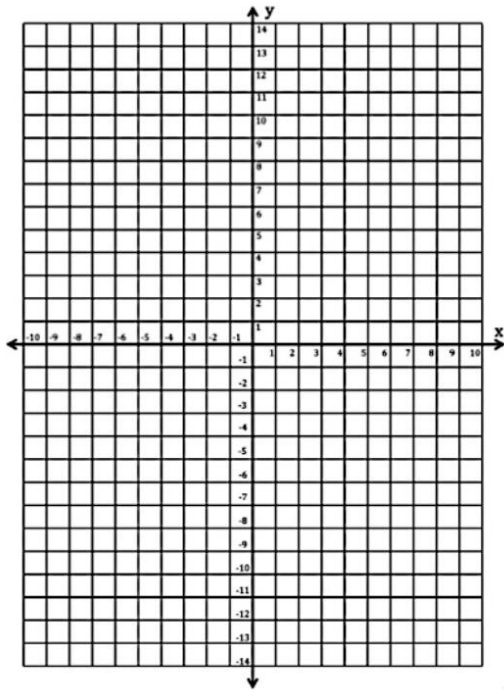


Slope-Intercept Form

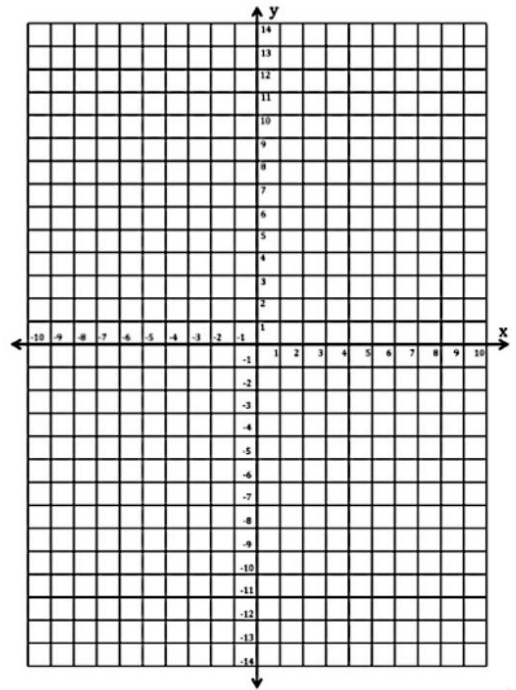
Each linear equation below is written in slope intercept form ($y = mx + b$). Identify the slope and y-intercept of each equation.

Then, plot a point at the y-intercept. Use the slope to plot a second point. Connect these two points to graph the linear equation.

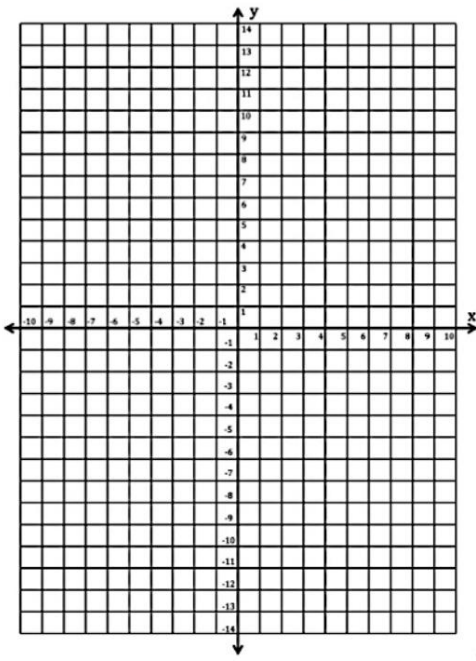
1) $y = 3x - 2$ $m = \underline{\hspace{2cm}}$
 $b = \underline{\hspace{2cm}}$



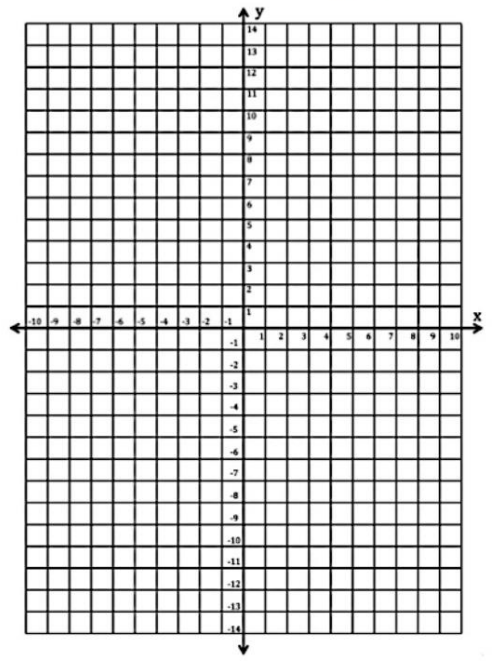
2) $y = -2x + 2$ $m = \underline{\hspace{2cm}}$
 $b = \underline{\hspace{2cm}}$



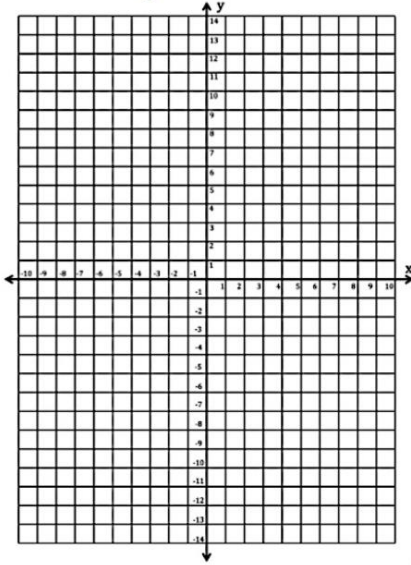
3) $y = 2x - 1$ $m = \underline{\hspace{2cm}}$
 $b = \underline{\hspace{2cm}}$



4) $y = -x - 7$ $m = \underline{\hspace{2cm}}$
 $b = \underline{\hspace{2cm}}$

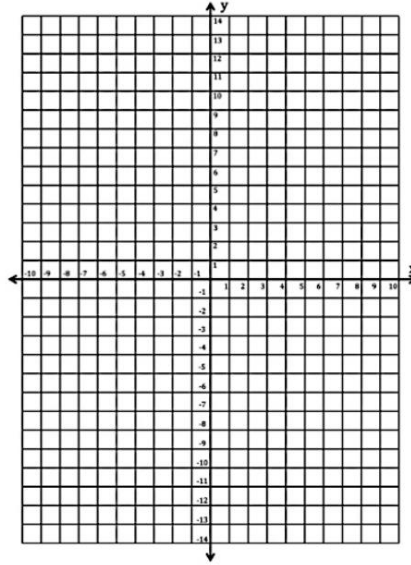


5) $y = -\frac{3}{4}x + 6$



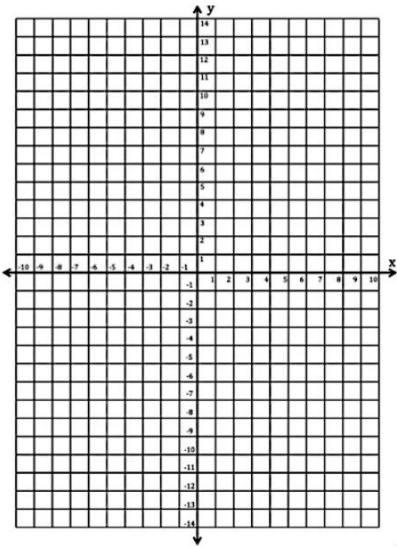
$m = \underline{\hspace{2cm}}$
 $b = \underline{\hspace{2cm}}$

6) $y = 2x + 5$



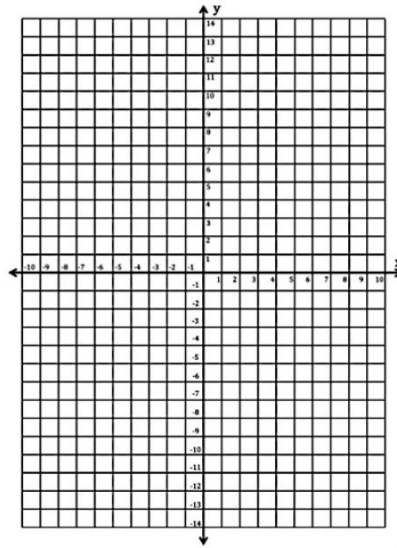
$m = \underline{\hspace{2cm}}$
 $b = \underline{\hspace{2cm}}$

7) $y = 8x - 2$



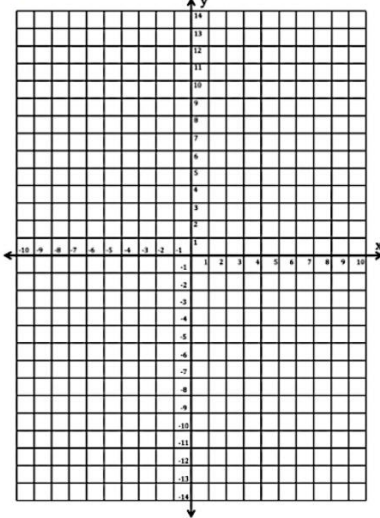
$m = \underline{\hspace{2cm}}$
 $b = \underline{\hspace{2cm}}$

8) $y = 3x$



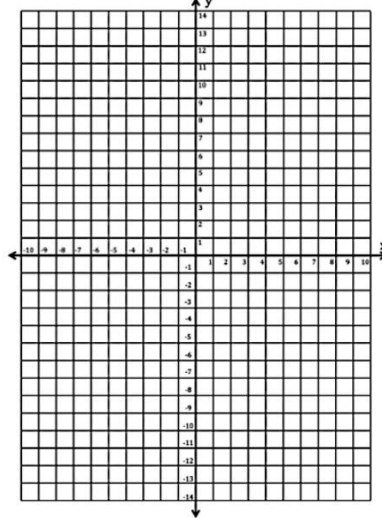
$m = \underline{\hspace{2cm}}$
 $b = \underline{\hspace{2cm}}$

9) $y = x + 5$



$m = \underline{\hspace{2cm}}$
 $b = \underline{\hspace{2cm}}$

10) $y = 4$



$m = \underline{\hspace{2cm}}$
 $b = \underline{\hspace{2cm}}$