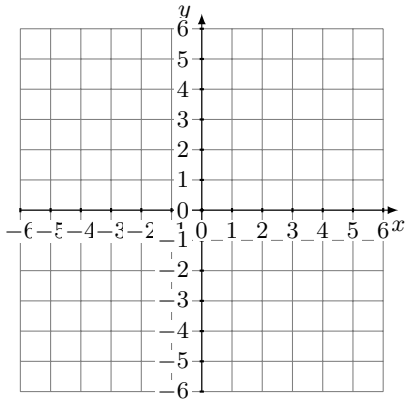
1 Write and graph the equation of a line in slope-intercept form

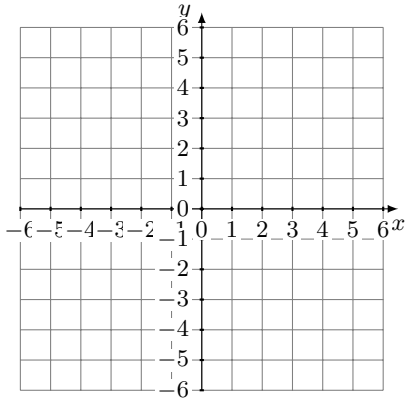
Learning Goal: _____

1) Graph the line of the equation $y = -2x + 4$.



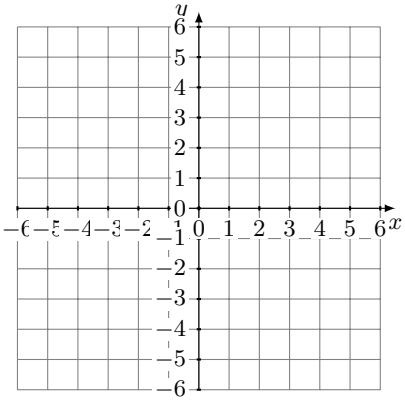
2) Write the equation of the line shown in the graph.

3) Graph the line of the equation $y = \frac{2}{3}x - 6$.



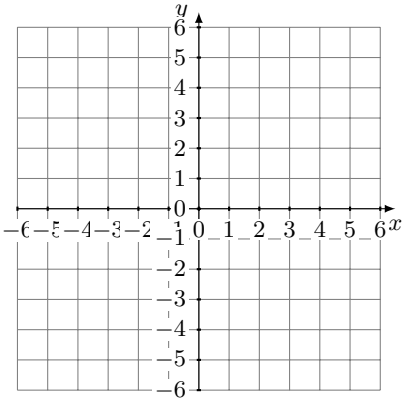
4) Write the equation of the line with y-intercept $(0, -4)$ and slope 2.

5) Graph the line of the equation $y = \frac{3}{4}x + 3$.

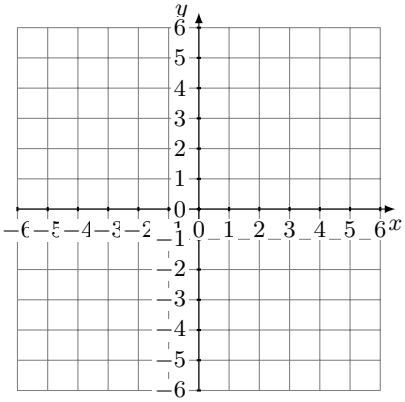


6) Write the equation of the line with y-intercept $(0, 1)$ and slope $\frac{1}{2}$.

7) Graph the line of the equation $y = 5x + 1$.

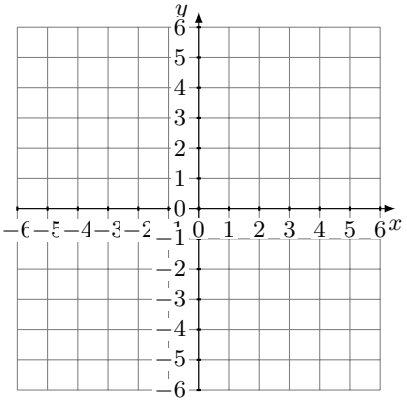


8) Graph the line of the equation $y = \frac{2}{3}x + 2$.



9) Write the equation of the line with y-intercept $(0, 2)$ and slope $-\frac{1}{2}$.

10) Graph the line of the equation $y = -\frac{3}{4}x + 3$.



11) Write the equation of the line with y-intercept $(0, -2)$ and slope 4.

12) Graph the line of the equation $y = \frac{1}{3}x + 2$.