Review Day 2 – Slope and graphing

\[ y = m \cdot x + b \]

\[ Ax + By + C = 0 \]

\[ y - y_1 = m(x - x_1) \]

1. Find the slope passing through points A(2, 5) and B(-3, 6)

2. Graph a line with:
   a. Slope 2 and point A(1, 4)
   b. Slope $\frac{-1}{3}$ and point B(-2, 0)
3. Graph the equation of a line
   a. \( y = \frac{-2}{3} x + 1 \)
   b. \( 3x - 4y - 8 = 0 \)

4. Find the equation of the line passing through \( A(-2, 0) \) and \( B(-1, 5) \)