Graphing Linear Equations Using Slope-Intercept Form.

Steps:
1. Identify the y-intercept.
2. Graph the y-intercept.
3. Identify the slope (2/3).
4. Use slope to plot more points (rise over run).
5. Draw line through the points.

Example:
\[ y = \frac{2}{3}x - 2 \]
1. Y-intercept: -2
3. Slope: \( \frac{2}{3} \) (rise 2, run 3)

You try....
\[ y = \frac{3}{2}x - 3 \]
Y-intercept: (0, -3)
Slope: \[ m = \frac{3}{2} \]

\[ y = mx + b \]
\[ m = \text{slope} \]
\[ b = \text{y-intercept} \]