

1. Find the **slope** and ***y*-intercept** for each of the following

(a) $8x + 4y = 12$

(b) $3x - 4y = 1$

(c) $-2x + 5y = 2$

2. Sketch the graph of all three linear equations above on the same graph.

3. Find the linear equation with slope -1 and y -intercept at $(0, -3)$.

4. Find the linear equation with slope 1 and x -intercept at $(1, 0)$.

5. Find the linear equation that passes through the points $(0, -1)$ and $(2, 2)$.

6. Find the linear equation that passes through the points $(1, 2)$ and $(2, 3)$.