From www.analyzemath.com

Math Worksheet: Equations of lines (1)

1. Find the equation of the line defined as follows:

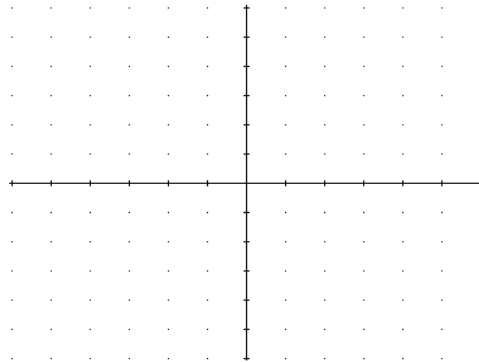   A. It passes through the points (-3 , 3) and (0 , 6).

   B. It passes through the point (1 , 0) and is perpendicular to the line

   $$-2x + 4y = 2$$

   C. It has a slope equal to -3 and a y intercept at (0 , 4).

2. Find the slope and the y intercept of the line   *5x + 4 y = - 8*

3. Find the equation of the line passing through the point (1 , 2) and has slope equal to - 4. Graph the equation.