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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 $(0, 6)$.

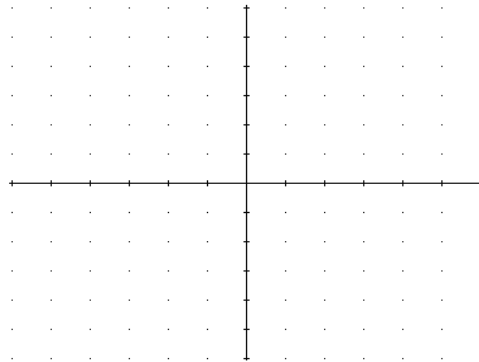
B. It passes through the point $(1, 0)$ and is perpendicular to the line

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

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 $5x + 4y = -8$

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



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