

Answer on Question #84906 – Math – Algebra

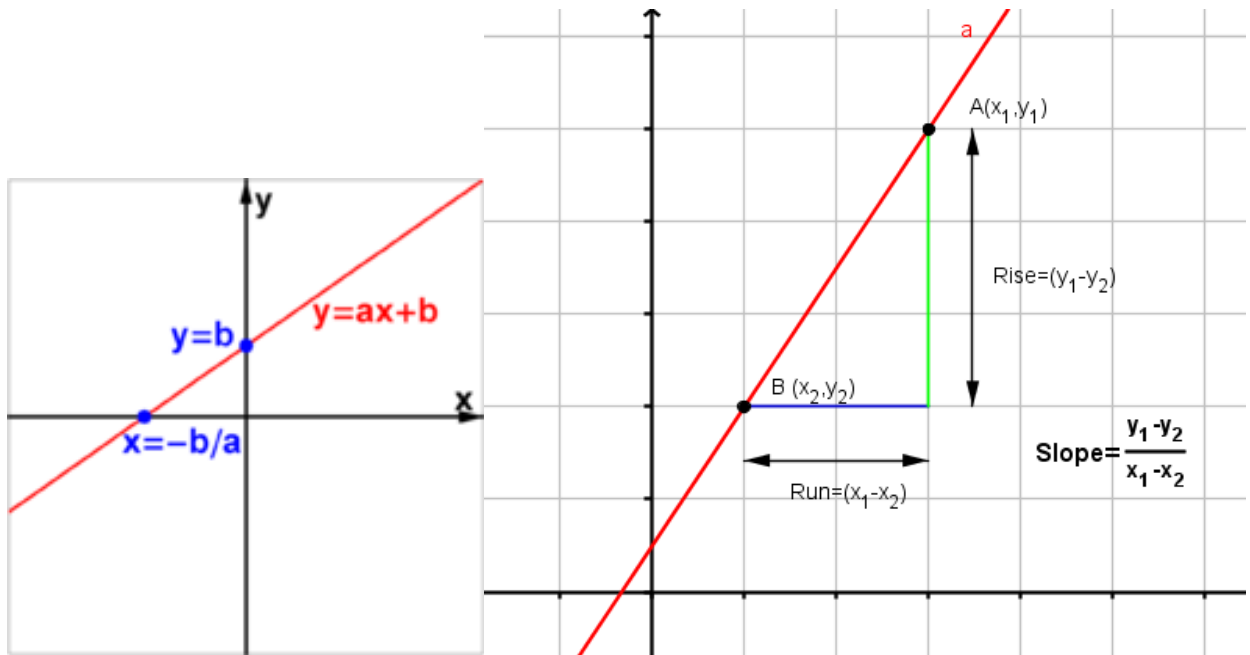
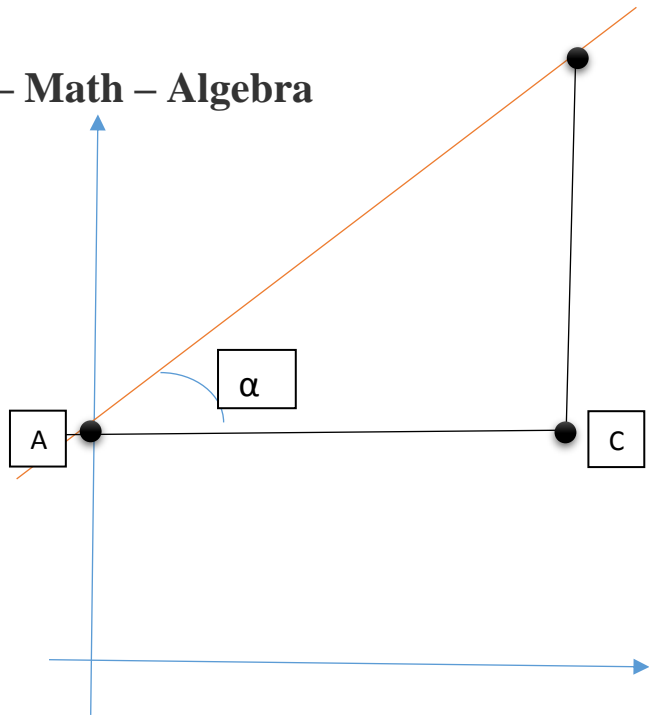
y-intercept=-4 $\Rightarrow A(0;-4)$

$y=kx+b$ is a linear equation

$-4=k*0+b, \Rightarrow b=-4$

$$k = \tan \alpha = \frac{BC}{AC} = \frac{9}{4}$$

$$y = \frac{9}{4}x - 4$$



References:

1. <http://xaktly.com/Slope.html>
2. <https://www.mathsisfun.com/algebra/linear-equations.html>

Answer provided by <https://www.AssignmentExpert.com>