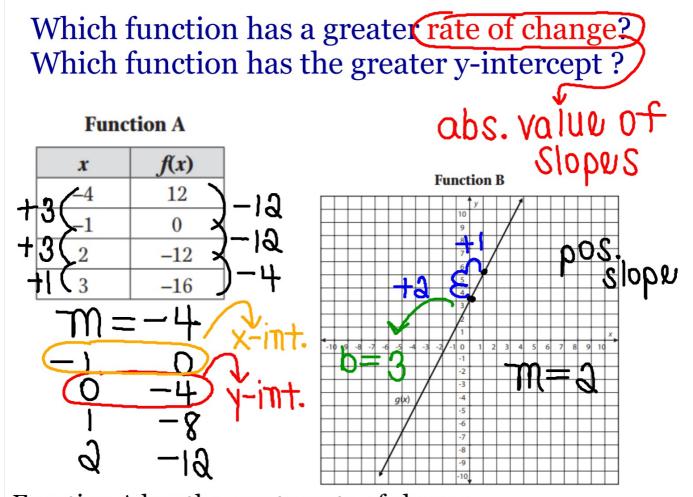
Warm Up

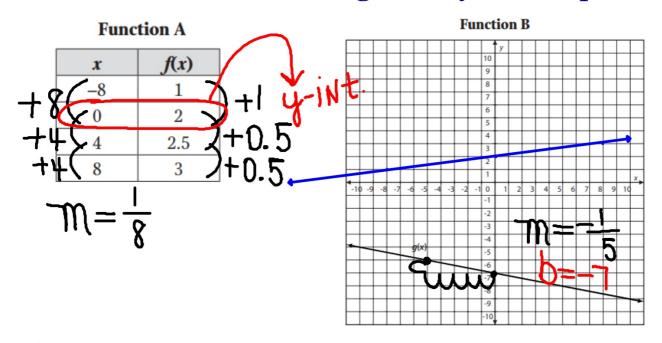
November 8, 2018

- 1.) Tomas bought 2.4 pounds of apples and pears. The apples cost \$1.65 per pound and the pears costs \$2.25 per pound. Tomas split the cost evenly with this 3 siblings. How much should each of them pay for the apples and pears?
- 2.) What is the sum of the y-intercepts of the functions 2x y = 5 and 8x + 4y = 12?



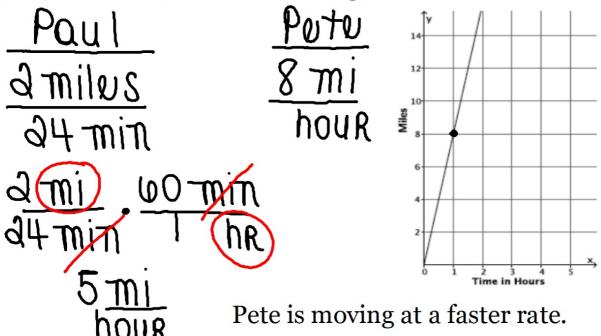
Function A has the greater rate of change. Function B has a greater y-intercept.

Which function has a greater rate of change? Which function has the greater y-intercept?



Function B has a greater rate of change. Function A has a greater y-intercept.

Brothers Paul and Pete walk 2 miles to school from home. Paul can walk to school in 24 minutes. Pete has slept in again and needs to run to school. Paul walks at a constant rate, and Pete runs at a constant rate. The graph of the function that represents Pete's run is shown below. Which brother is moving at a faster rate?



For the two linear functions, f(x) and g(x):

$$f(x) = 3x + 9$$

$$y - i\eta + S.$$

$$g(x): \begin{cases} y \\ -2 \\ +1 \end{cases}$$

$$g(x) - 4$$

$$-3 + 4$$

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What is the difference when the y-intercept of f(x) is subtracted from the y-intercept of g(x)?

Example #5

Dayanna compared the slope of the following

two functions:

What is the slope of the function with the smaller

slope?

$$\widetilde{A}$$
.) $\widetilde{m} = 1/2$

B.)
$$m = 5/6$$

C.)
$$m = 6/5$$

D.)
$$m = 2$$