

Name:

Answers!

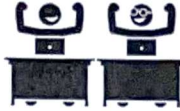
Class:



Communication



Successful Partnership



Encouragement



Solving Problem Together



Collaboration

The graph models the price of Apple stock over the first 7 months of 2023. The x -value represents the number of months since 2023 began and the y -value represents price of the stock in dollars.



$y = mx + b$

↙ slope
↘ y-intercept

125

7
slope
Rise
Run

or

Part 1

Write a $y = mx + b$ equation for the graph where x is months since 2023 and y is the share price in dollars.



$$y = 10x + 125$$

Part 2

What does the slope represent in your answer to Part 1 above?

It means that the stock price has been increasing by \$10 every month.

Part 3

What does the graph predict for a stock price 12 months after data was first taken?

$$y = 10x + 125$$

$$y = 10(12) + 125$$

~~\$240~~ \$245
hmmmm.....