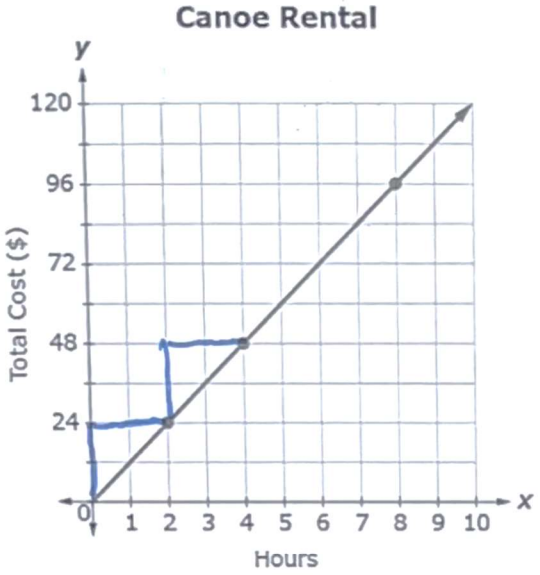
Name: Answers! Class:

Question 01



Part A. What is the slope of the line?

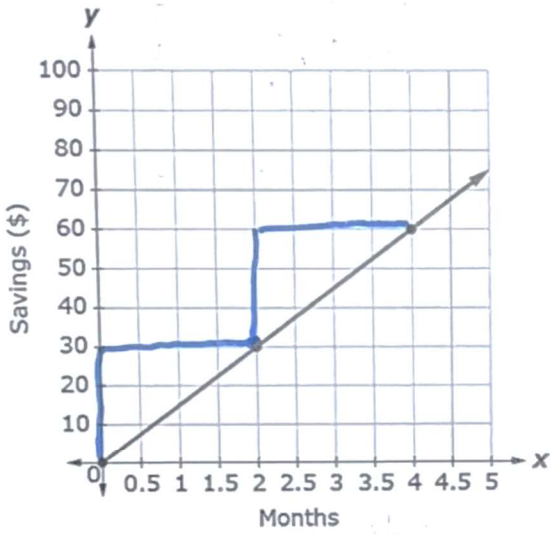
$24\overset{2}{\triangle} \rightarrow \frac{\text{Rise}}{\text{Run}} \rightarrow \frac{24}{2} = 12$

Part B. Write the equation for the line in the form

$$y = 12\ x$$

Where y is the total cost in dollars and x is the number of hours.

Question 02



Part A. What is the slope of the line?

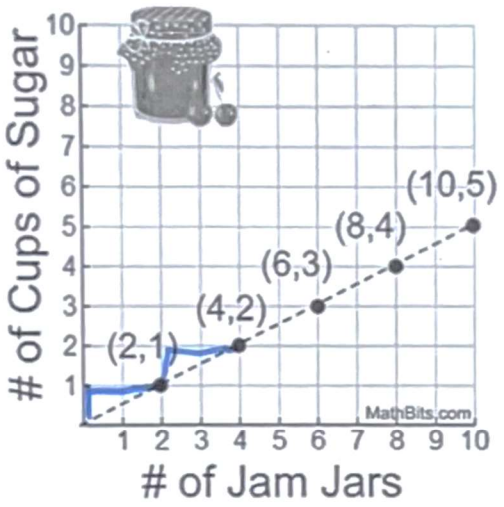
$30\overset{2}{\triangle} \rightarrow \frac{\text{Rise}}{\text{Run}} \rightarrow \frac{30}{2} = 15$

Part B. Write the equation for the line in the form

$$y = 15\ x$$

Where y is the total savings in dollars and x is the number of months.

Question 03



Part A. What is the slope of the line?

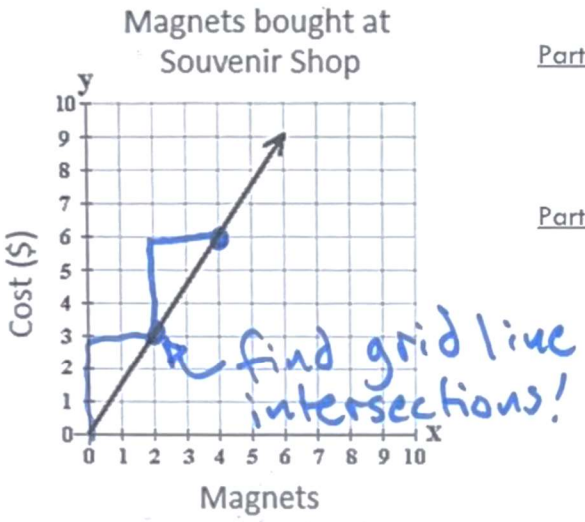
$1\overset{2}{\triangle} \rightarrow \frac{\text{Rise}}{\text{Run}} \rightarrow \frac{1}{2} = 0.5$

Part B. Write the equation for the line in the form

$$y = 0.5x$$

Where y is the number of cups of sugar and x is the number of jam jars.

Question 04



Part A. What is the slope of the line?

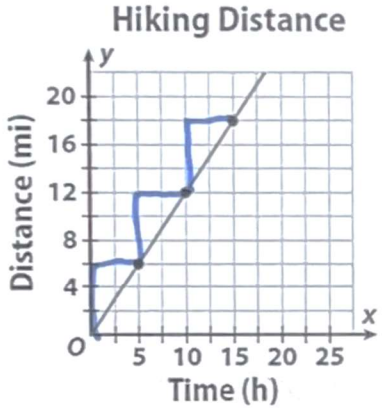
$3\overset{2}{\triangle} \rightarrow \frac{\text{Rise}}{\text{Run}} \rightarrow \frac{3}{2} = 1.5$

Part B. Write the equation for the line in the form

$$y = 1.5x$$

Where y is the total cost in dollars and x is the number of magnets.

Question 05



Part A. What is the slope of the line?

$6\overset{5}{\triangle} \rightarrow \frac{\text{Rise}}{\text{Run}} \rightarrow \frac{6}{5} = 1.2$

Part B. Write the equation for the line in the form

$$y = 1.2x$$

Where y is the distance in miles and x is the time in hours.