

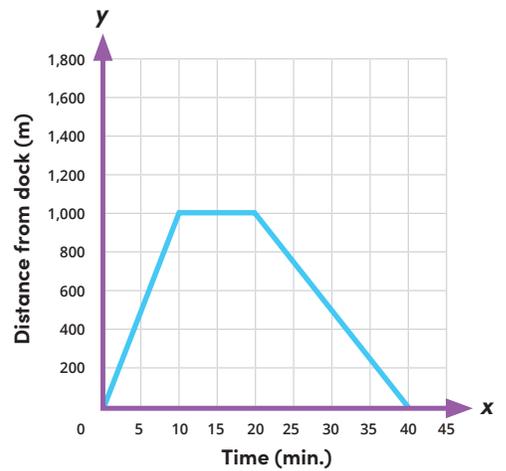
INTERPRETING FUNCTION RELATIONSHIPS

Use each story and graph to answer the questions below.

1

Aiden and his brother, Elijah, are canoeing. At first, they paddle quickly away from the dock. Before long, they get tired and decide to rest for a few minutes. Then, they paddle back to the dock slower than before.

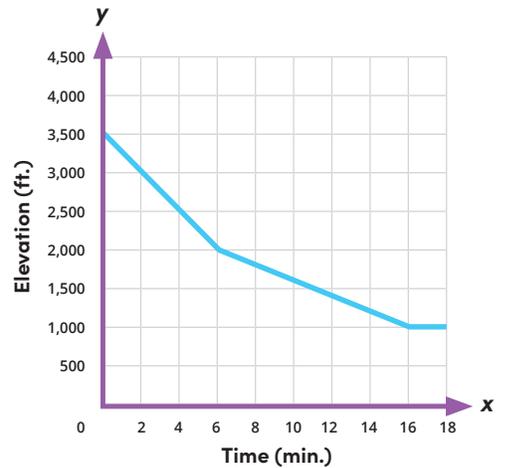
- a. How long did Aiden and Elijah rest before returning to the dock?
- b. How far did they paddle before they rested?
- c. How long did it take Aiden and Elijah to paddle back to the dock?



2

A snowboarder starts at the top of a mountain. Then, she snowboards down the mountain and ends at the lodge. The graph to the right shows her elevation above sea level over time.

- a. What is her elevation at the top of the mountain?
- b. What is her elevation at the lodge?
- c. During which interval of time did the snowboarder descend faster: between 0 and 6 minutes or between 6 and 16 minutes? Explain how you know.



3

Camilla went on a bike ride yesterday. It was a hot day, so she stopped along the way for water breaks. The graph to the right shows the total distance Camilla rode over time.

- a. How many times did Camilla stop for a water break?
- b. How far did Camilla bike in all?
- c. At what rate did Camilla bike before she took her first water break? Make sure to write your rate in terms of kilometers per hour.

