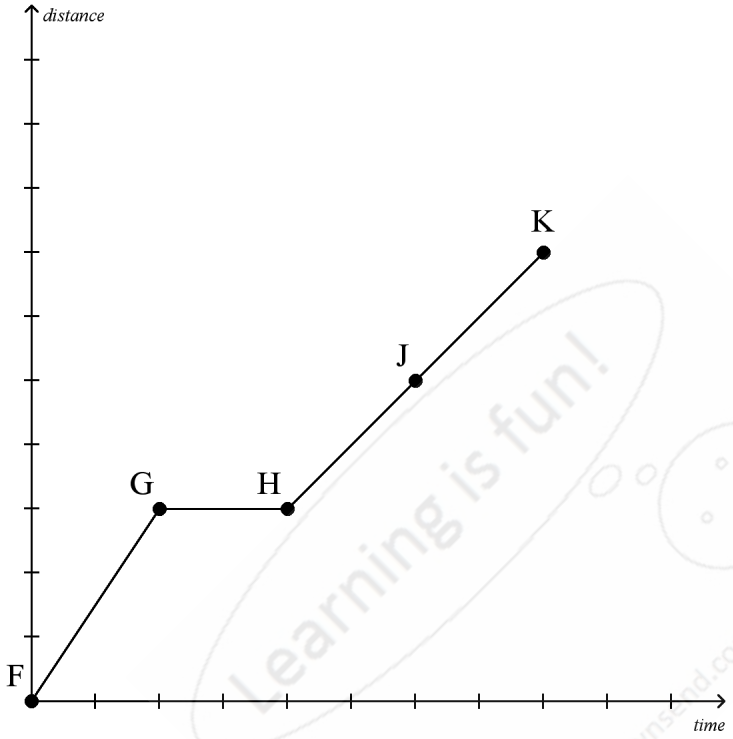
Name: _____ **Class:** _____ **Date:** _____ **ID: A**

Non Linear Functions

Multiple Choice
Identify the choice that best completes the statement or answers the question.

____ The graph shows Julie's morning run:

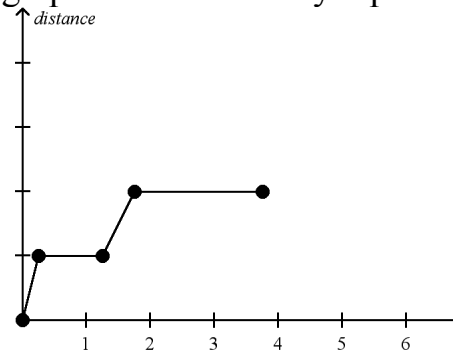


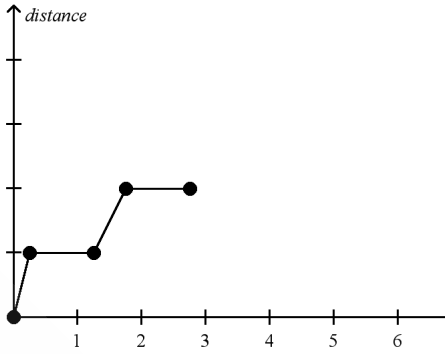
Which interval on the graph shows Julie running again after stopping?

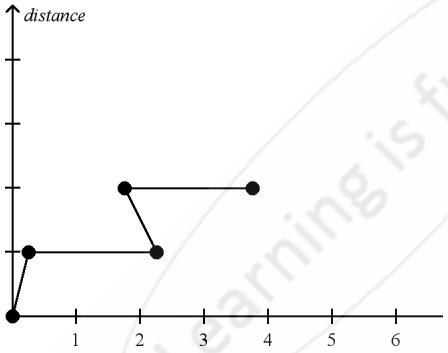
From points H to J
From points G to H
From points F to G
From points J to K

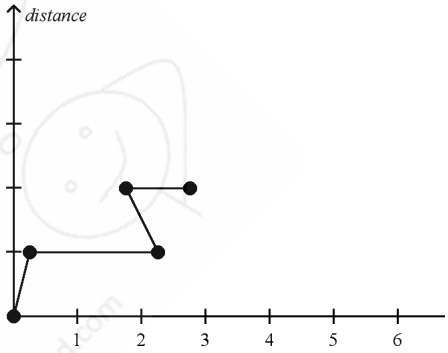
____ You drove for 15 minutes, then spent 1 hour shopping, then drove for 15 minutes and stopped at a friend's house for 2 hours. The total distance you traveled by car is a function of time.

Which graph most accurately represents this scenario?

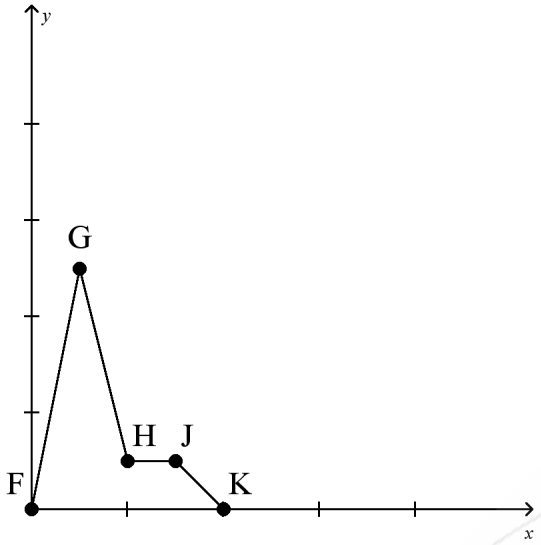






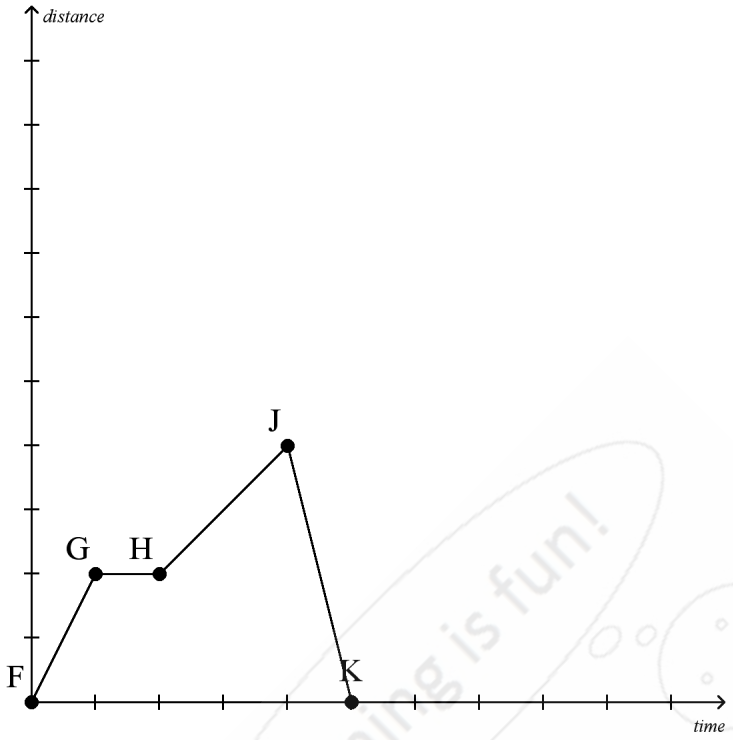


____ Which section of the function is increasing?



From points G to H
From points H to J
From points J to K
From points F to G

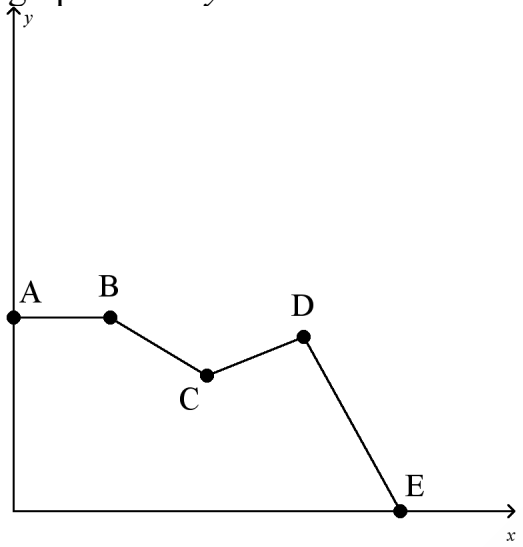
____ The graph shows the distance a cyclist traveled in yards (y) as a function of time in seconds (x). The graph is divided into four segments.



Which segment on the graph did the cyclist complete after getting a drink of water?

Segment JK
Segment GH
Segment FG
Segment HJ

____ The graph shows y as a function of x.

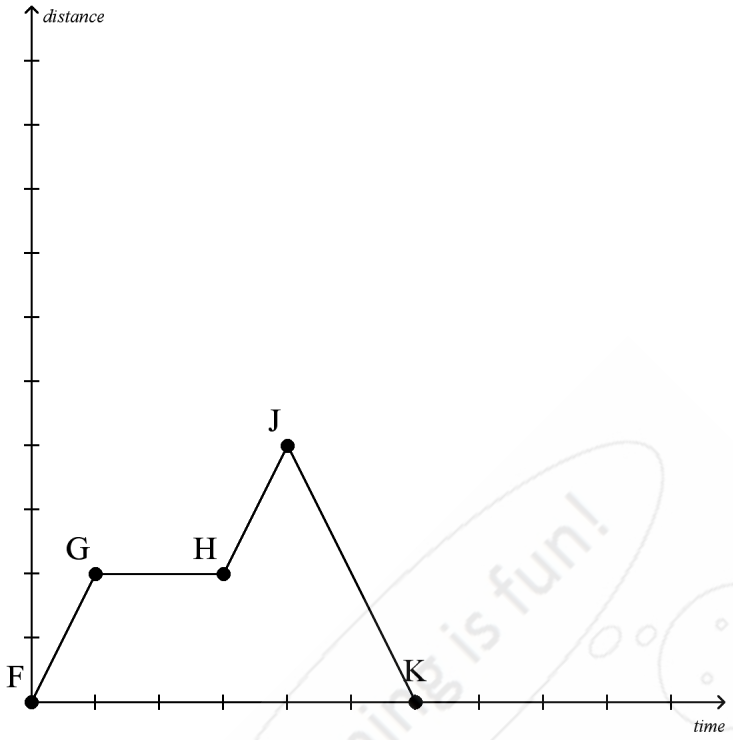


In which segment is the function decreasing?

$\overline{BA}$ $\overline{ED}$

$\overline{CD}$ $\overline{AB}$

____ The graph shows the distance Mary traveled in miles (y) as a function of time in seconds (x). The graph is divided into four segments.



Which segment on the graph did the Mary complete after waiting for a cab?

Segment JK
Segment HJ
Segment FG
Segment GH

Non Linear Functions
Answer Section

MULTIPLE CHOICE

A
A
D
D
C
C