A function is

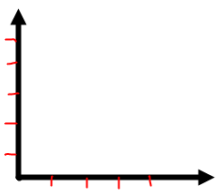
Example of a function: (1, 2), (-2, 5), (3, 4), (0, 2)

Non-example of a function: (2, 6), (-1, 4), (2, 5), (0, 3)

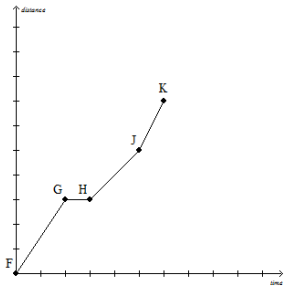
The domain of a function is

The range of a function is

Functions can be shown in



The graph shows Julie's morning run:



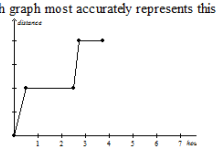
Which interval on the graph shows Julie running again after stopping?

a. From points G to H
b. From points H to J
c. From points F to G
d. From points J to K

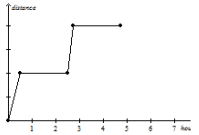
You drove for 30 minutes, then spent 2 hours shopping, then drove for 30 minutes and stopped at a friend's house for 1 hour. The total distance you traveled by car is a function of time.

Which graph most accurately represents this scenario?

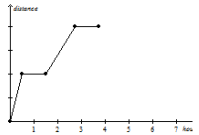
a.



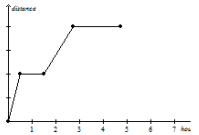
c.



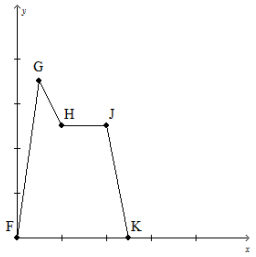
b.



d.

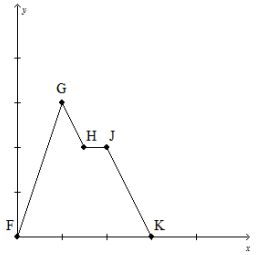


Which section of the function is increasing?



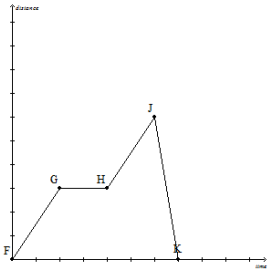
a. From points H to J
b. From points J to K
c. From points F to G
d. From points G to H

Which section of the function is neither increasing nor decreasing?



a. From points G to H
b. From points F to G
c. From points J to K
d. From points H to J

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?

a. Segment HJ
b. Segment JK
c. Segment GH
d. Segment FG