The graph represents the number of people in an outdoor stadium for a baseball game. Tell what the x- and y-axes represent. Tell what happens during parts A to E to the people at the game.

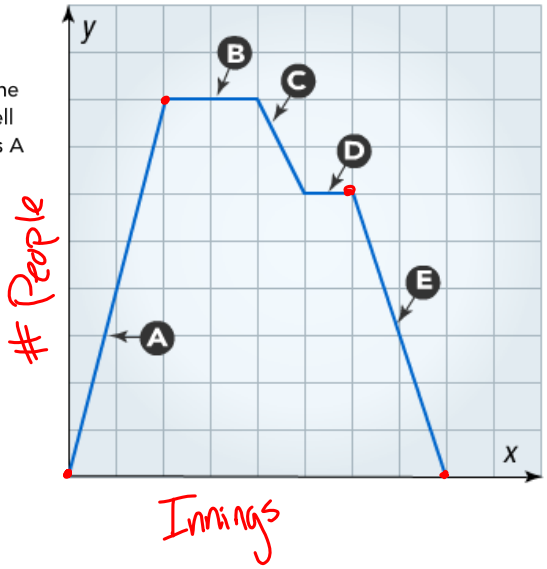
A) People are arriving

B) The Game Started

C) Losing or Rain

D) Score or Sun

E) leaving

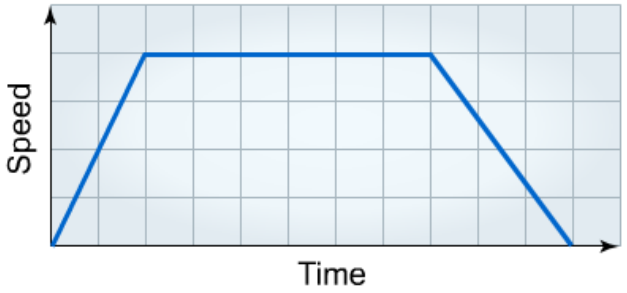


Watch Part 1 Intro Video:

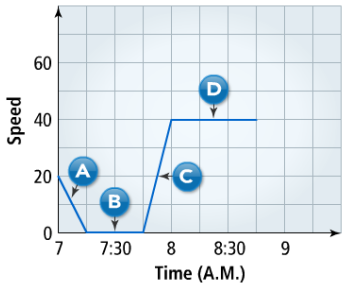
Label the graph below as you watch.

Intro

An interval is a period of time between two points of time or events.



Which is Which??



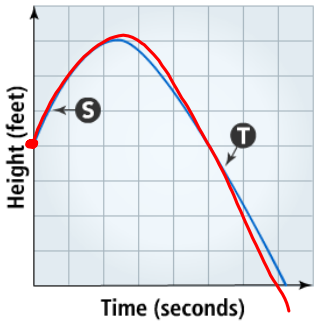
Increasing Interval: C

Decreasing Interval: A

Constant Interval: B, D

Got It?

What type of interval is interval S?



A. Increasing interval

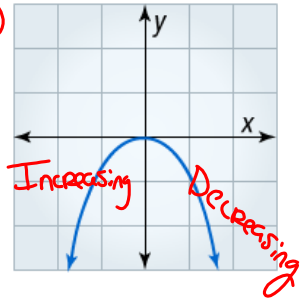
B. Decreasing interval

C. Constant interval

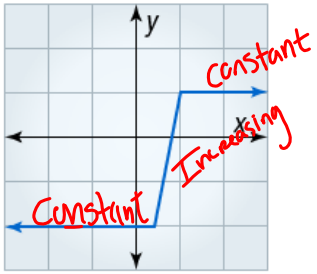
Example

Label the graphs to indicate which intervals are increasing, decreasing, or constant.

a.

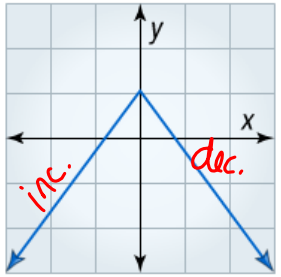


b.



Got It?

Label the graph to indicate which intervals are increasing, decreasing, or constant.



Not Constant

Example

The graph shows the speed of a commuter boat as it makes an evening trip.

a. How many constant intervals are defined in the graph? 5

b. How are the constant intervals alike?

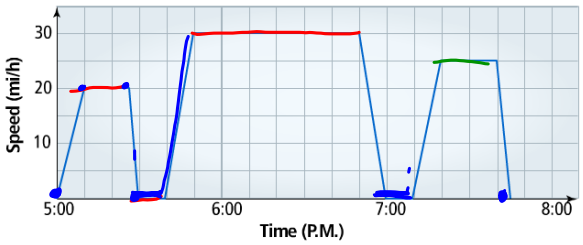
Stay the same ; the two at the bottom are the same

c. How are the constant intervals different?

Some are at low speeds + some are high.

Different sizes

Different Intervals of Time



Got It?

The graph shows the speed of a commuter train as it makes a morning trip.

a. How many decreasing intervals are defined in the graph? 2

b. How are the decreasing intervals alike? Going down

c. How are the decreasing intervals different? Speed is different

Time is different

The size