

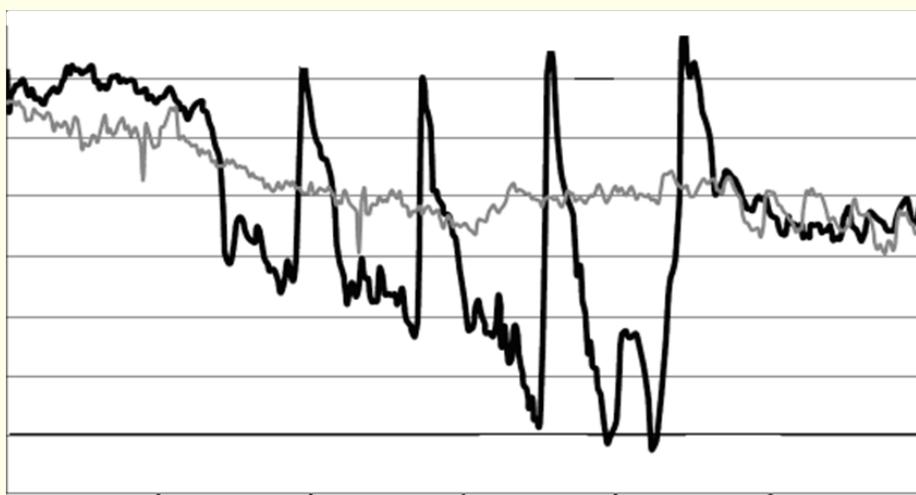
Rel & Func Ls 1 - Intro to Graphing

Given a graph, describe the situation

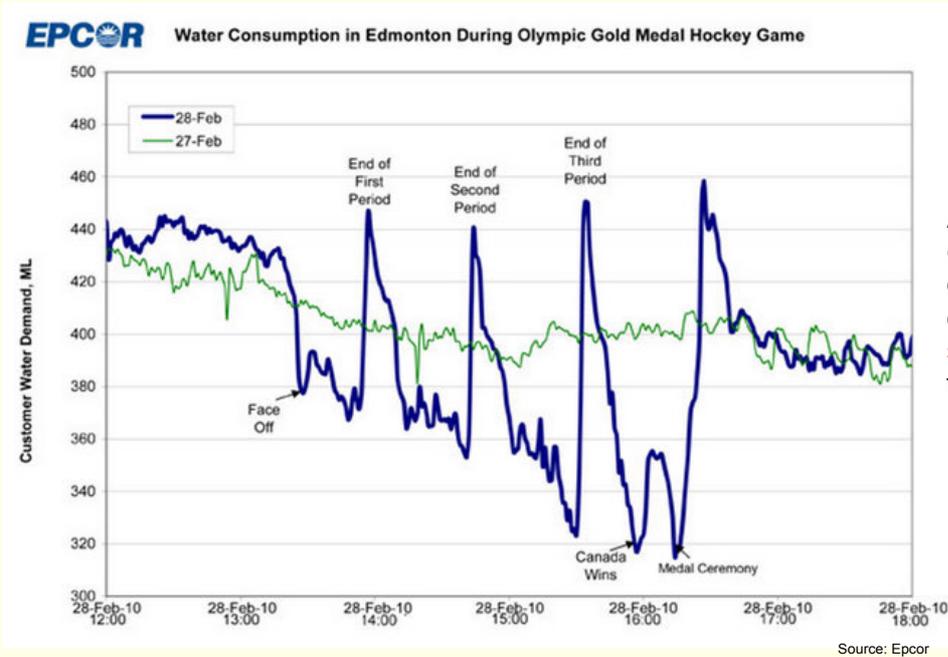
Sketch a graph given a situation

Interpreting Graphs

What story does this graph tell? What could give this graph more meaning?



Interpreting Graphs - Solution



A graph can be a great way to represent data but requires good details (title, labels, scale, legend, etc.) to tell the whole story.

Graphing Stories (Thanks Dan Meyer)

Watch each video clip and graph the story on the handout provided.

Graphing Stories 1



Graphing Stories 5



Graphing Stories 2



Graphing Stories 6



Graphing Stories 3



Graphing Stories 7



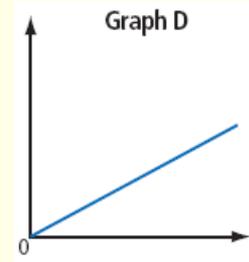
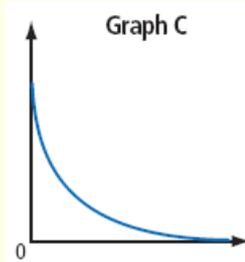
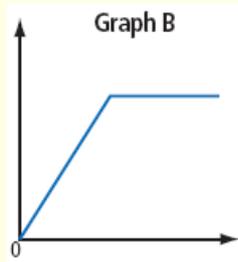
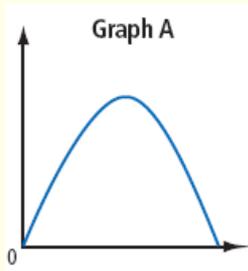
Graphing Stories 4



Graphing Stories 8



Matching - Graphs & Scenarios



1) the temperature of a cup of hot chocolate over time

2) a car accelerating to a constant speed

3) the distance a person walks during a hike

4) the height of a soccer ball kicked across a field

Practice

6.1 pg. 115: 1 (Sketch instead of describe), 3ab, 9

Solutions on board to #1

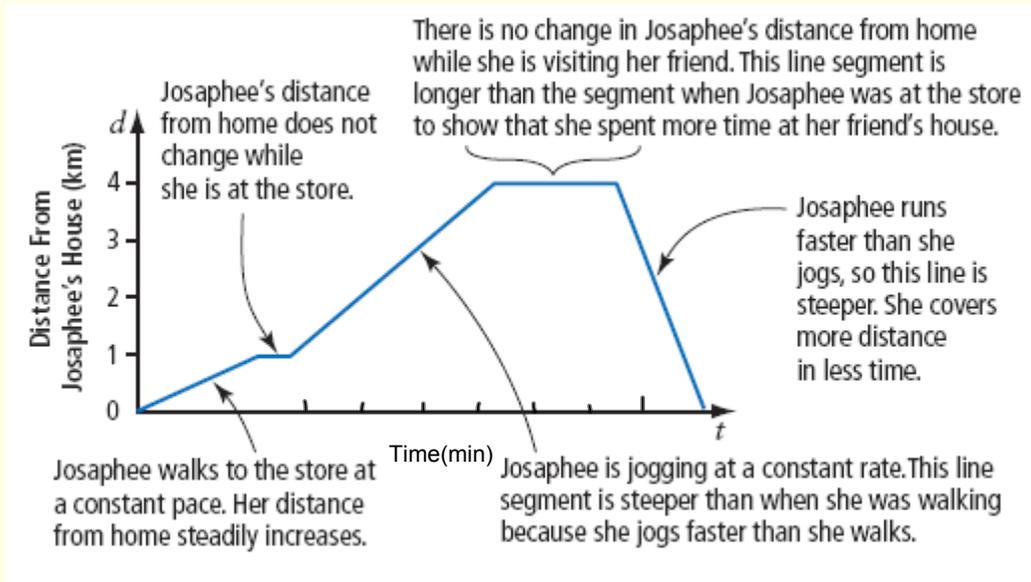
Really good question!

Quick Check: Complete the two questions on the Graphing Stories Assignment

Mark together on the next page and hand in.

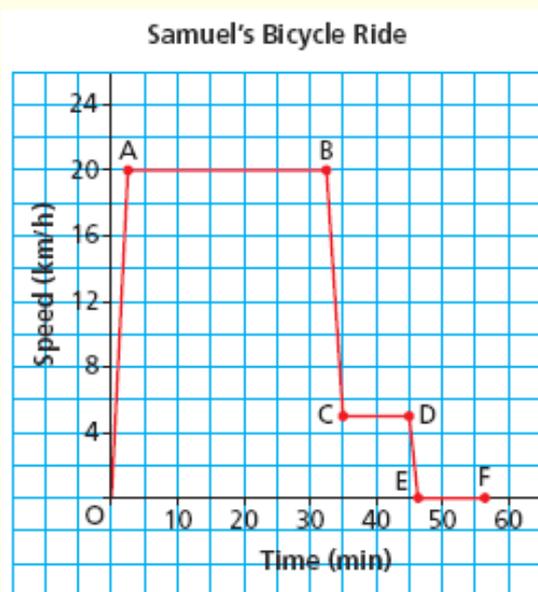
M10C Graphing Stories Assignment

Question #1 Solution



M10C Graphing Stories Assignment

Question #2 Solution



Segment	Journey
OA	Samuel's speed increases from 0 to 20 km/h, so the segment goes up to the right.
AB	Samuel cycles at approximately 20 km/h for 30 min. His speed does not change, so the segment is horizontal.
BC	Samuel's speed decreases to 5 km/h, so the segment goes down to the right.
CD	Samuel cycles uphill at approximately 5 km/h for 10 min. His speed does not change, so the segment is horizontal.
DE	Samuel slows down to 0 km/h, so his speed decreases and the segment goes down to the right.
EF	Samuel remains stopped at 0 km/h for 10 min, so the segment is horizontal.