

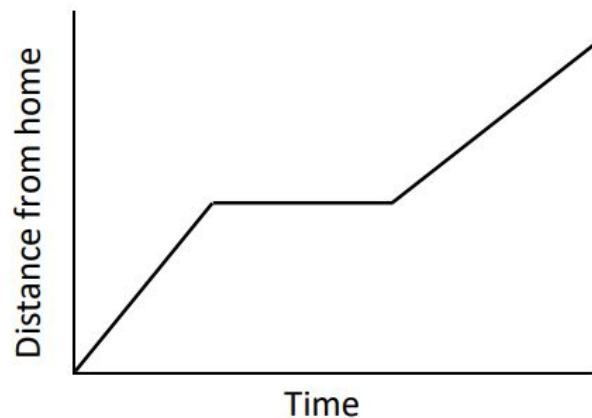
Interpret line graphs

Mathematics

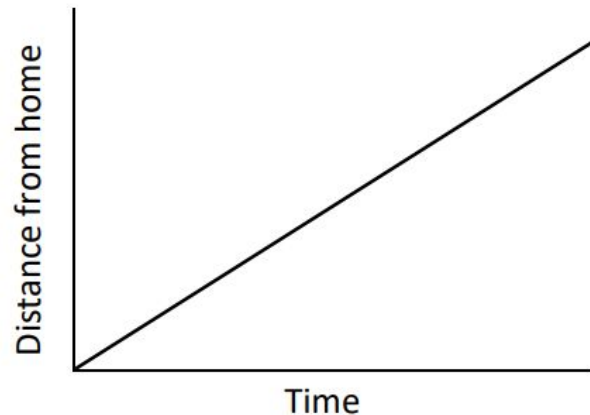


Question 1

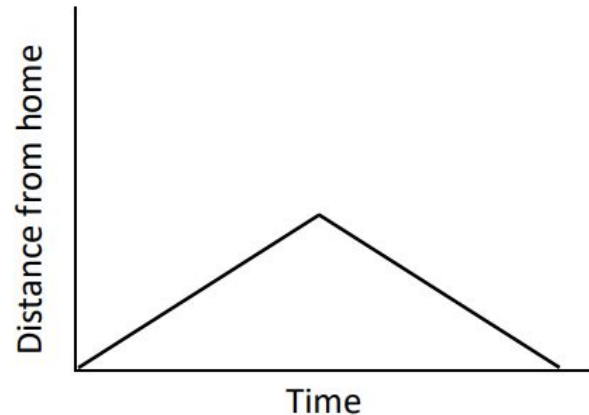
Which graph represents each maths story?



Story A: I was on my way to school when I felt unwell, so I turned around and went home.

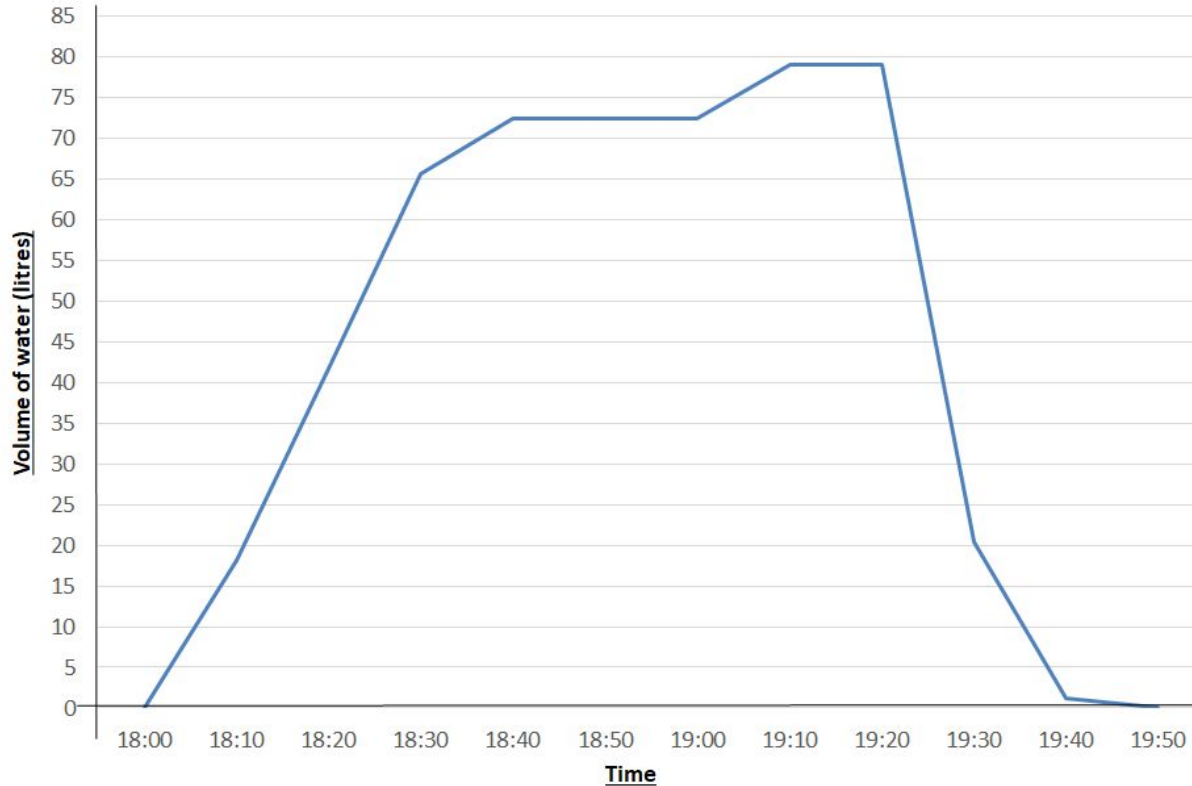


Story B: I travelled to school at the same speed and didn't stop until I got there.



Question 2

A graph showing the volume of water in a bath.

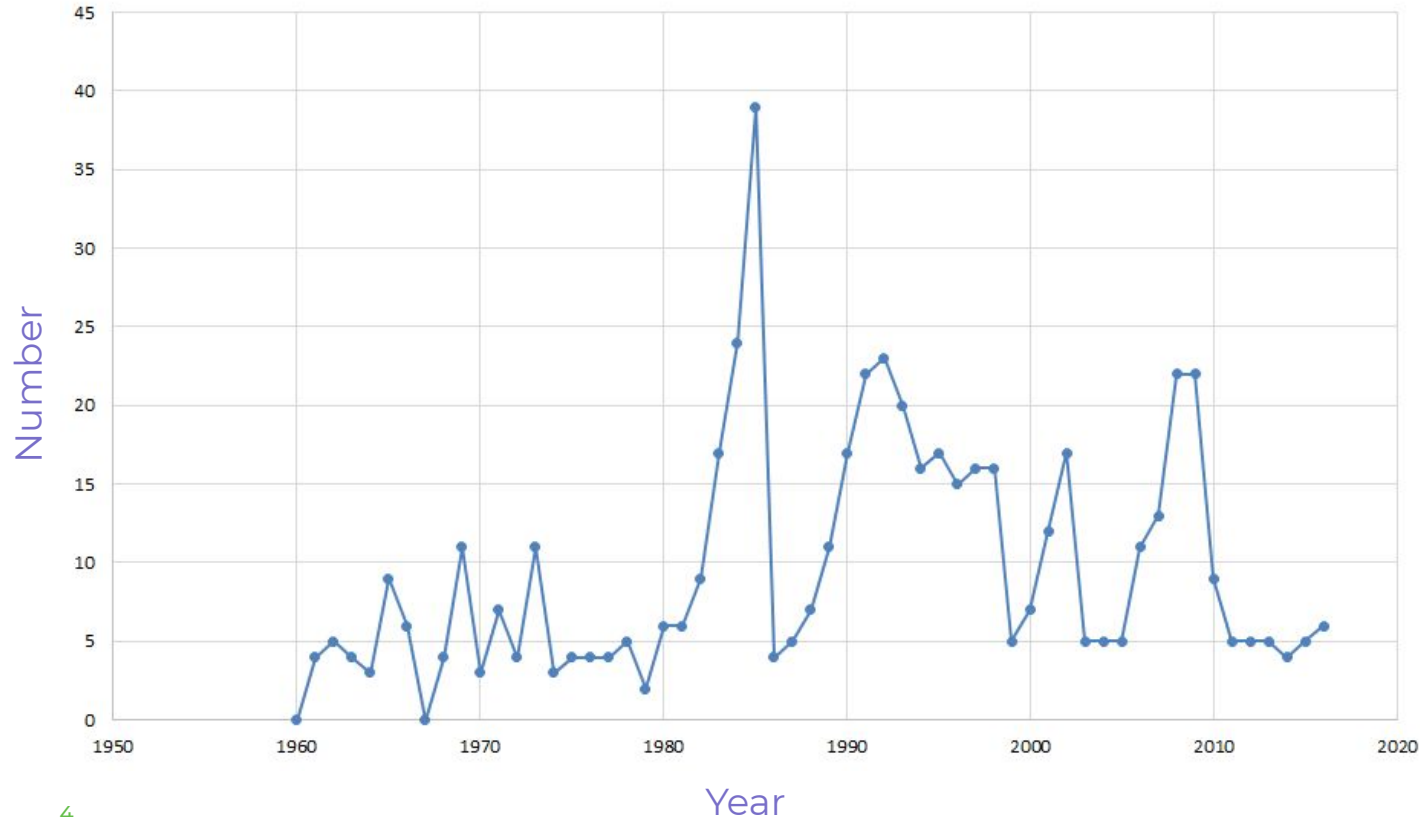


- a) At what time did the bath reach its highest level of water?
- b) Estimate the volume of water in the bath at 6:45 p.m
- c) By how much did the volume of water increase between 6:10 p.m. and 6:20 p.m.?
- d) How long did it take for the bath to empty? How do you know?



Question 3

Number of astronauts sent to space each year

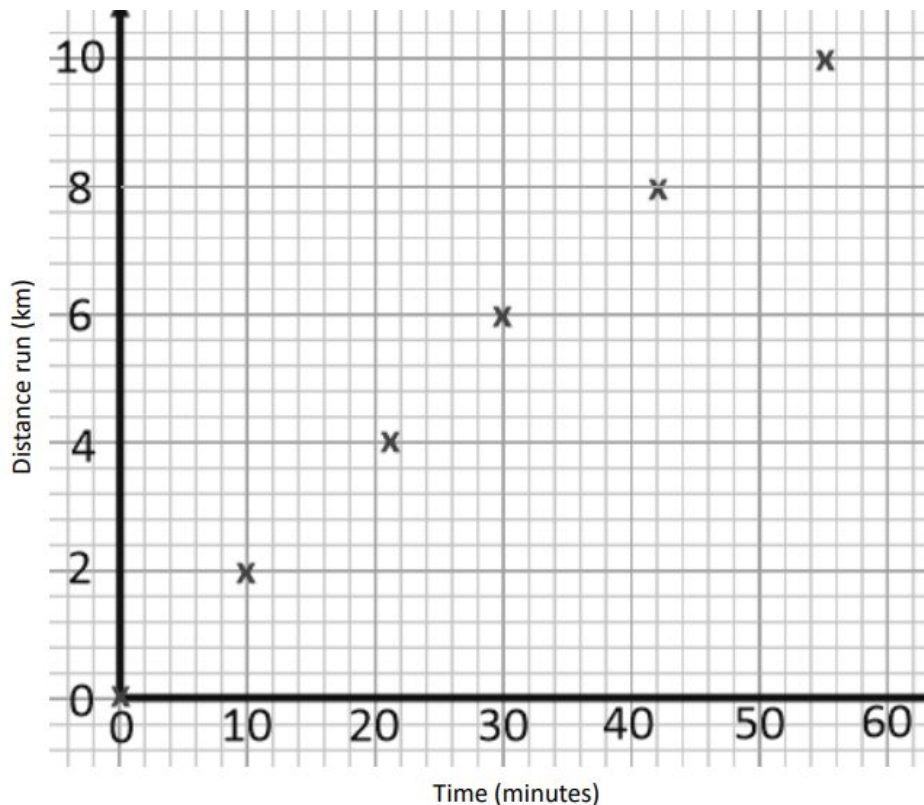


- a) Approximately how many astronauts were sent to space in 2010?
- b) Approximately how many astronauts were sent to space between 1990 and 2000?
- c) In which years were approximately 17 astronauts sent to space?
- d) What can you say about the general trend of the graph?



Question 4

Metila's 10k run



Distance (km)	Metila's run time
0	0
2	10
4	
6	30
8	
10	55

- Complete the table showing Metila's run time at different distances.
- How long did Metila take to run from the 4 km mark to the end of the race?

