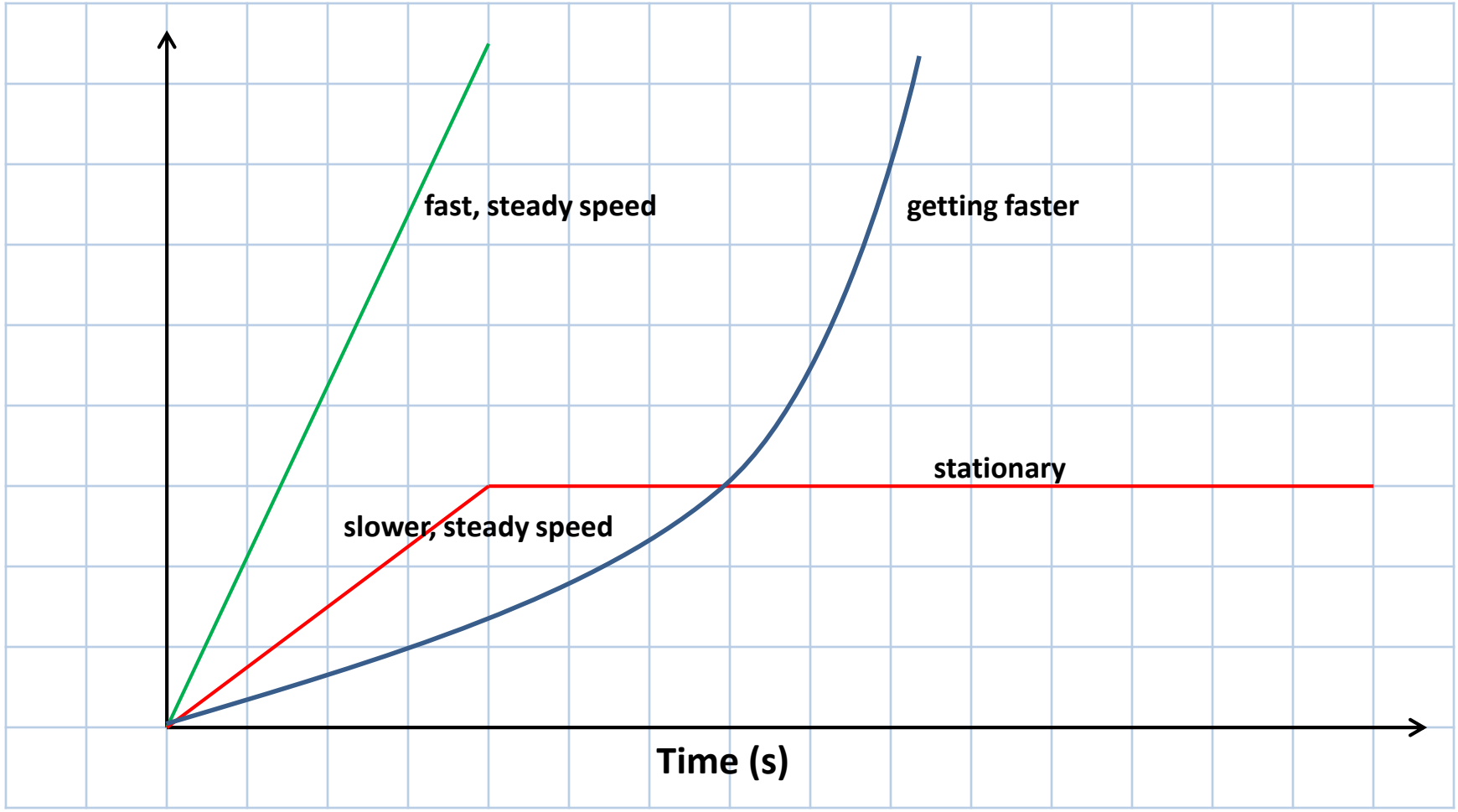
Graphs tell a story

Watch the following you tube clip – this is the one we used in class.

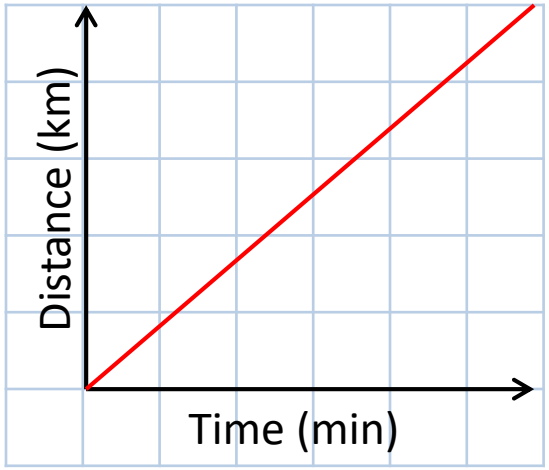
https://www.youtube.com/watch?time_continue=148&v=yoLtHZHseKw

Interpreting graphs involving time – what does the graph tell us?



What do these graphs tell us?

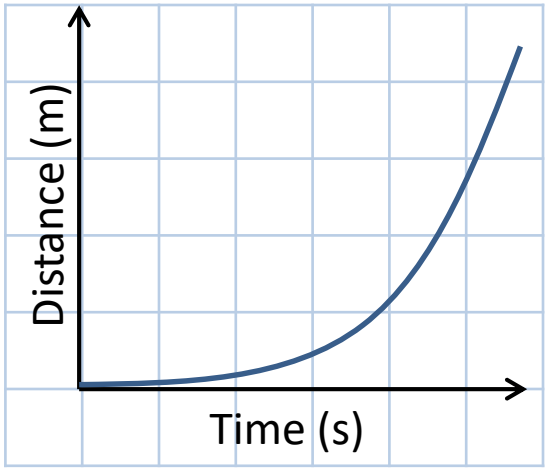
A



Distance is directly proportional to time.

e.g. walk at constant speed, travel same distance every minute.

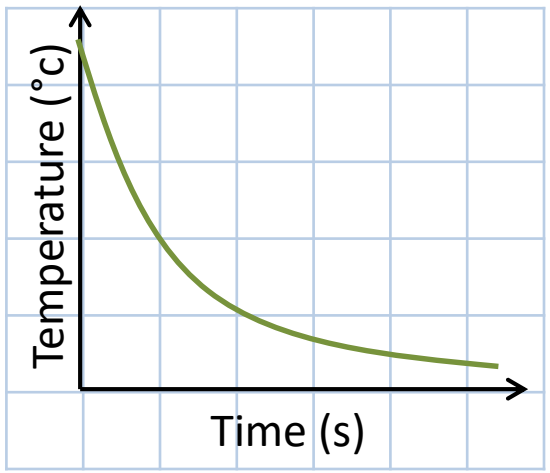
B



The relationship increases quickly.

e.g. acceleration in a car, as each second passes covering more distance.

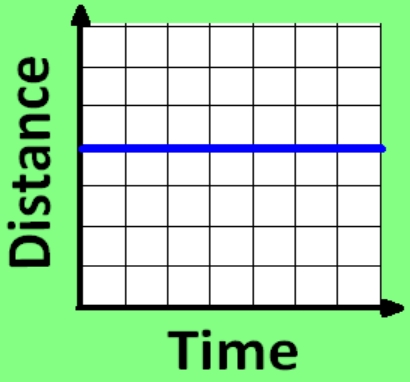
C

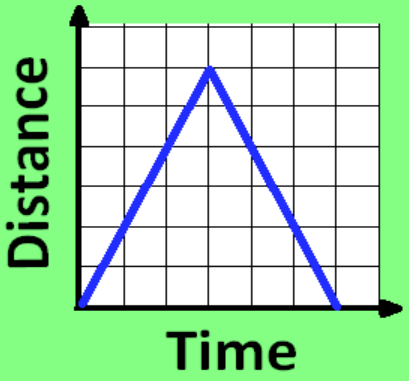


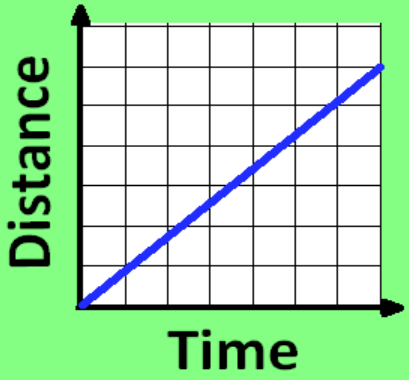
The relationship is slowing down.

e.g. hot cup of tea will cool down quickly at the beginning, then more slowly.

QUICK STARTER: Can you match the graph to the situation?





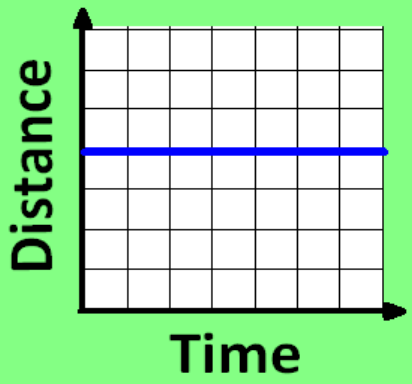


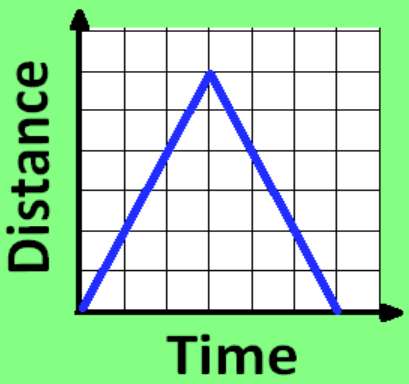
A motorbike travels away from home at a **steady speed**

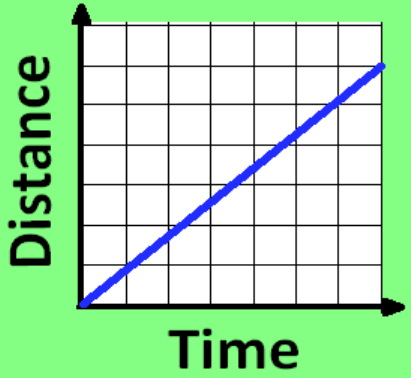
A car is parked in a car park, away from the person's home.

A runner runs at a **steady pace** to the end of a track, turns around then runs at **the same speed back.**

QUICK STARTER: Can you match the graph to the situation?







A car is parked in a car park, away from the person's home.

A runner runs at a **steady pace** to the end of a track, turns around then runs at **the same speed back.**

A motorbike travels away from home at a **steady speed**

Watch this clip about interpreting line graphs

https://www.youtube.com/watch?v=x9dfsti25HY