

UNIT 7: CHARACTERISTICS OF FUNCTIONS	3º ESO ACADÉMICAS
Nombre:	9th session

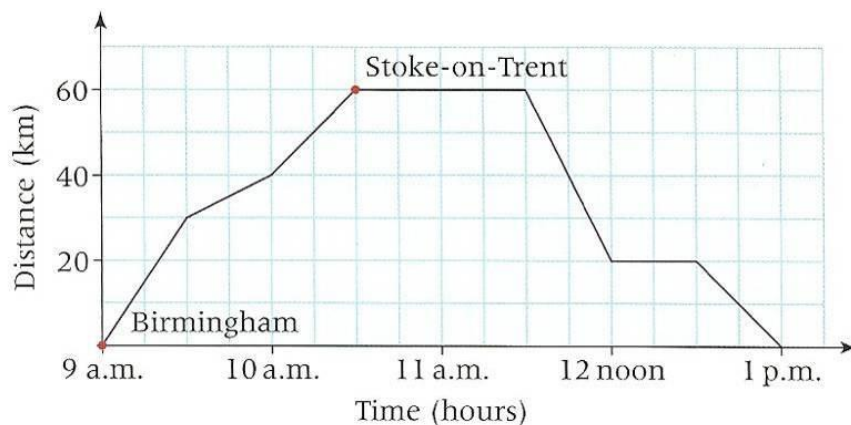
1. Look at the vocabulary UNIT 7: Functions and graphs
2. Have a look some videos about what's a functions, after work with vocabulary

<https://www.khanacademy.org/math/algebra/algebra-functions>

3. Exercise 1 and 2 on page 2 of UNIT 7: Characteristics of functions

Exercise 1

The distance-time graph shows the journey of a car between Birmingham and Stoke-on-Trent.



- a) How far is it from Birmingham to Stoke-on-Trent?
- b) For how long did the car stop?
- c) What has the speed of the car for the first part of the journey?
- d) Between which two times was the car travelling fastest?
- e) What was the average speed of the car for the whole journey?

Exercise 2

Sketch a graph to show what happen as

1. Sam fills a bath with both taps running.
2. He realises it is too hot so turns off the hot tap.
3. He turns off the cold tap.
4. He gets in.
5. Has a long soak.
6. Gets out.
7. Pulls out the plug.