

AQA, OCR, Edexcel

GCSE

GCSE Maths

Speed, Distance and Time
Questions

Name:

M M E

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Total Marks: /13

Speed, Distance, Time

1. Victor walks an average speed of 4 Km/h. He needs to walk to school which is 3 Km away. He needs to be there at 3pm what time should he set off? Show your working.

(3 marks)

2. If a man takes 30 minutes to drive to work and it is 44 miles into work, what is his average speed? Show your working.

(3 marks)

3. Pete needs to be at work for 9.00am. He leaves his house at 7.30am and drives to the gym which is 12.5 miles away. Pete spends 45 minutes in the gym then drives the remaining 9 miles to work.

- a. What average speed in, miles per hour, must Pete drive at to ensure he is not late for work?
- b. On Tuesday Pete spends 55 minutes in the gym. What average speed in, miles per hour, must Pete drive at to ensure he is not late for work?
- c. On Thursdays Pete drives straight to work, which is 16 miles from Pete's house. If Pete drives at an average speed of 28 mph, what is the latest Pete can leave his house and still arrive for work on time?

(7 Marks)