

Name	Block H	Sheet 4		Class	Score
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### Functional Problems

1)

Abigail is on a bus going into the city.

The bus picks her up and drives

4 miles towards a motorway

45 miles on the motorway

6 miles from the motorway to the city bus depot

The bus

Takes 10 minutes to get to the main road

Drives at an average speed of 60mph whilst on the motorway

Takes 15 minutes to get from the motorway to the bus depot

Abigail gets on the bus at 10:19am. What time will she get off the bus?

You must show all your working.

2)

Alice and Joan had a race.

Alice spent 4 hours and 15 minutes walking at a rate of 2.5 km/h.

Joan ran for 135 minutes at a rate of 5 km/h.

Who ran the farthest?

Show all working out.