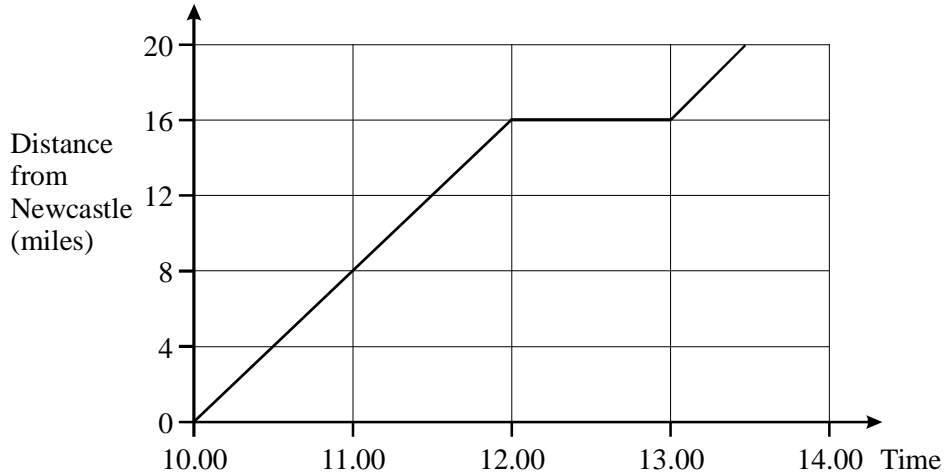


Year 7 Questions

Distance/Time & Other Real Life Graphs - Levels 4-5.

1. Wayne cycles from Newcastle to Ashington, a distance of 20 miles.
The diagram shows the distance-time graph of his journey.



- (a) How far from Newcastle is Wayne at 11.00?

Answer miles

(1)

- (b) Describe what is happening between 12.00 and 13.00

.....
.....

(1)

- (c) How far does Wayne travel in the first 2 hours of his journey?

Answer miles

(1)

- (d) What is Wayne's average speed over the first 2 hours of his journey?

.....
.....

Answer mph

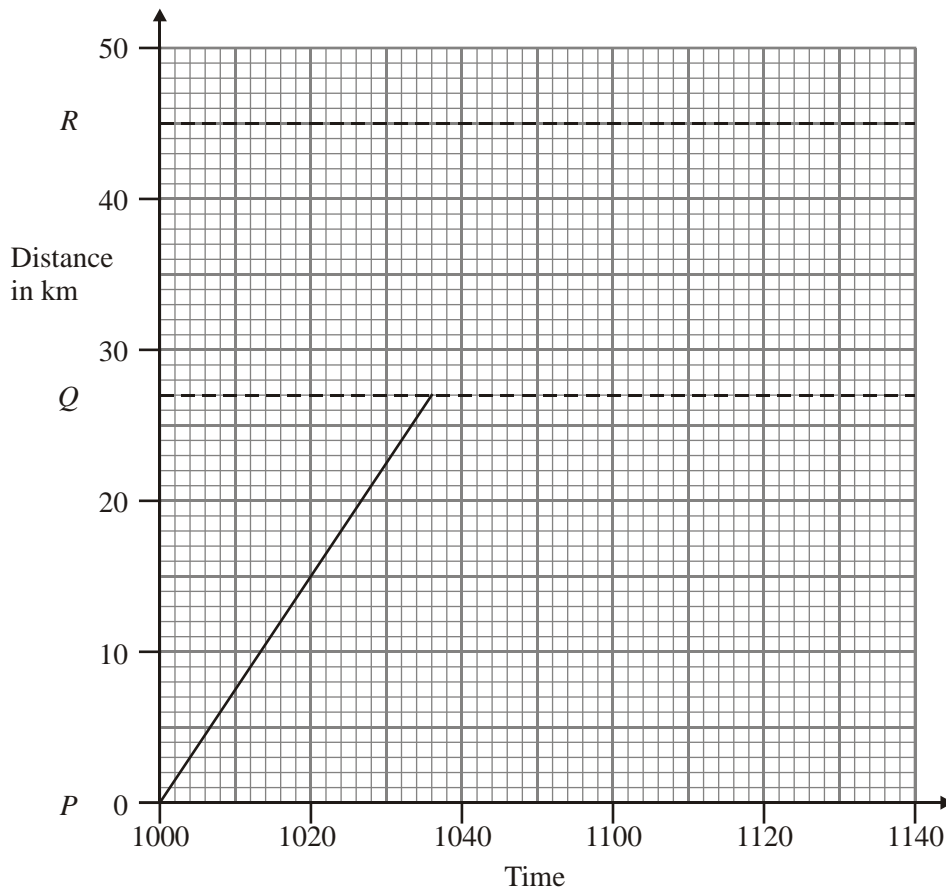
(2)

- (e) Darren travels from Ashington to Newcastle by bus.
He leaves Ashington at 10.00 and arrives in Newcastle at 11.00
On the diagram draw a possible distance-time graph of Darren's journey.

(1)

(Total 6 marks)

2. Mrs Murphy drives from Pyeton (*P*) to Queenswell (*Q*).
The graph shows her journey.



- (a) How far is it from Pyeton to Queenswell?

.....

Answer km

(1)

- (b) At what time does she arrive at Queenswell?

.....

Answer

(1)

- (c) Mrs Murphy stays at Queenswell for 20 minutes.
Then she drives on to Rokeby (*R*) at the same speed as before.

- (i) Show the rest of her journey on the grid.

.....

(3)

- (ii) At what time does she arrive at Rokeby?

Answer

(1)

(Total 6 marks)