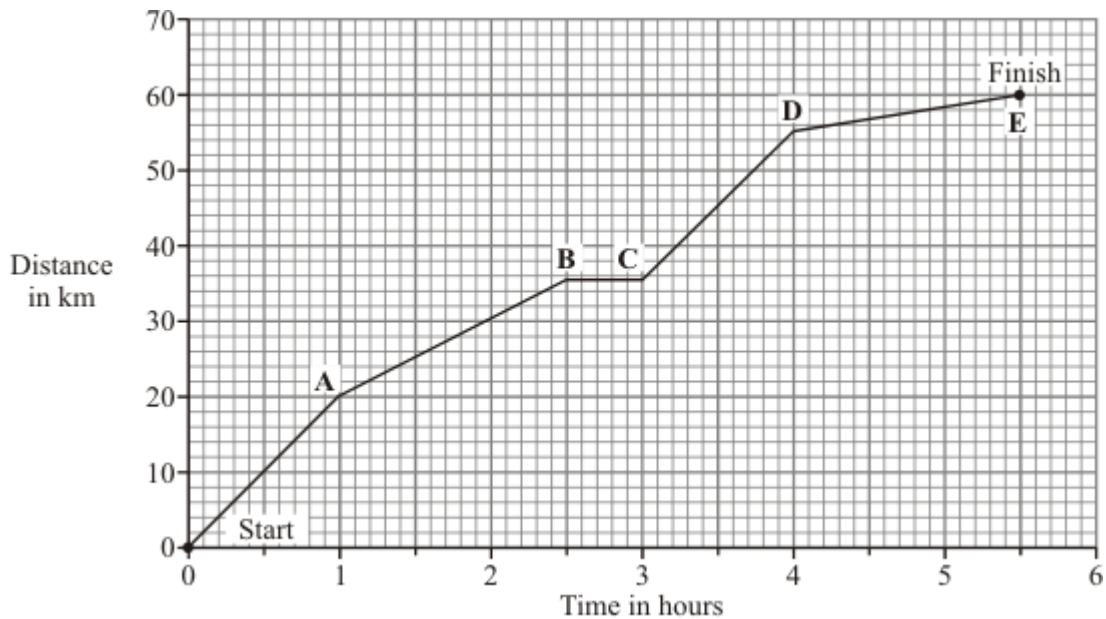


Q1.

A horse and rider take part in a long distance race. The graph shows how far the horse and rider travel during the race.



- (a) What was the distance of the race?

distance = _____ km

(1)

- (b) How long did it take the horse and rider to complete the race?

(1)

- (c) What distance did the horse and rider travel in the first 2 hours of the race?

distance = _____ km

(1)

- (d) How long did the horse and rider stop and rest during the race?

(1)

- (e) Not counting the time it was resting, between which two points was the horse moving the slowest?

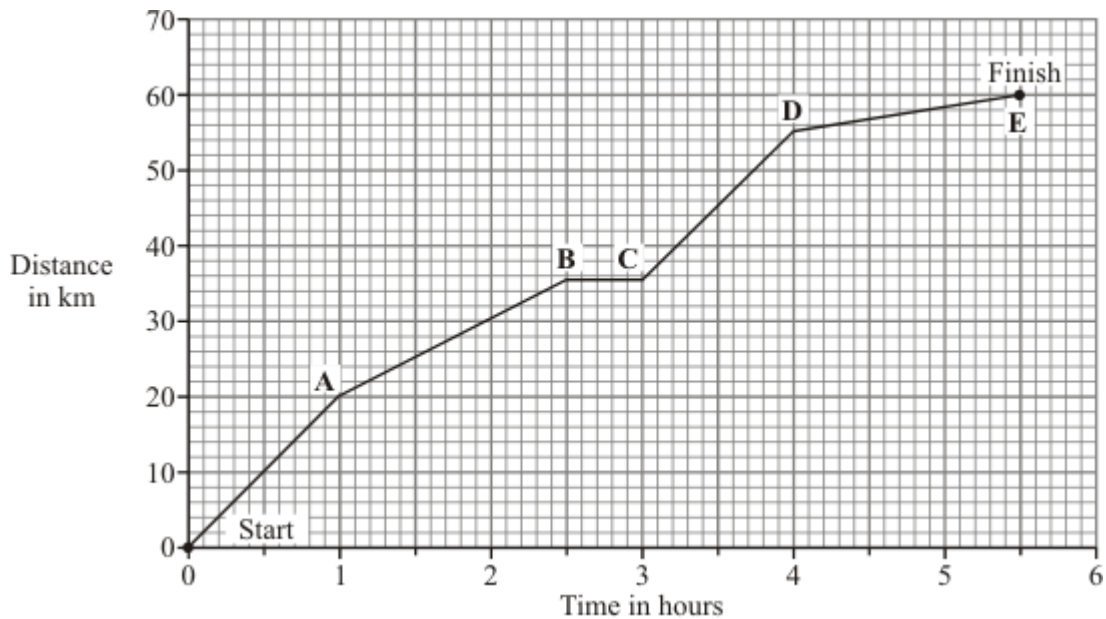
_____ and _____

Give a reason for your answer.

(2) (Total 6 marks)

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_____ and _____

Give a reason for your answer.

(2) (Total 6 marks)

Mark schemes

Q1.

- (a) 60 1
- (b) $5\frac{1}{2}$ hours
must include unit 1
- (c) 30 1
- (d) 30 minutes or
 $\frac{1}{2}$ hour
must include unit 1
- (e) D **and** E
accept finish for E
accept correct numbers from axes with units 1
- least steep part of the graph
accept covers smallest distance in a set time
accept only moves 5 km in $1\frac{1}{2}$ hours (accept anything between 5 and 6)
ignore horse is tired 1

[6]