



K Education Centre

KS3 Year 8 Science

Physics – Distance time graphs

Assignment Questions

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Distance Time Graphs

Q1 : What is speed ?

Q2: Calculate the distance travel by a car in 20 minutes , if its traveling at 15mph.

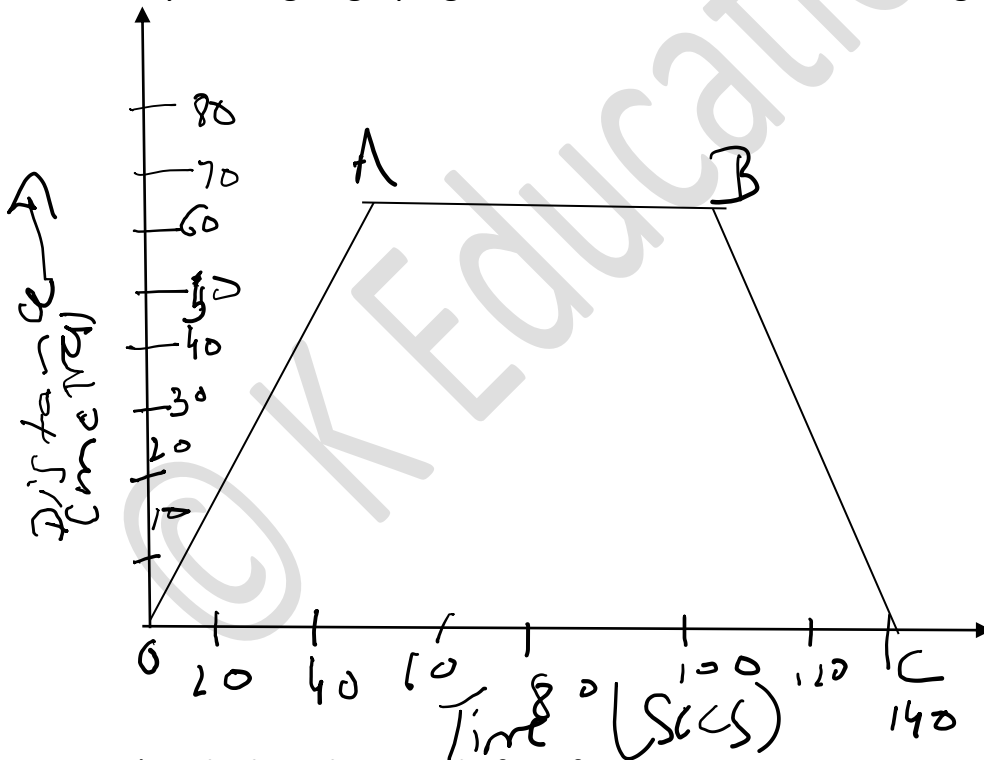
Q3: What does the gradient of the distance time graph represents.

Q4: Draw a distance time graph for a truck travelling at speeds given in the table.

Distance (m)	100	200	200	300	400
Time (secs)	20	40	60	80	100

Calculate the average speed of the truck.

Q5: By looking at graph given below , answer the following :



- Calculate the speed of car from O to A .
- Find the average speed of the car.
- Calculate the speed of car from B to C.