1. The speed of an object is a measure of how:

**A** far it is travelling.

**B** fast it is travelling.

**C** long it is travelling.

**D** high it is travelling.

**[1]**

2.A train travelled a distance of 80 km in 2 hours. Its speed was:

**A** 0.1 km/h. **B** 40 km/h.

**C** 20 km/h. **D** 10 km/h.

**[1]**

3.The average speed of something is:

**A** its fastest speed.

**B**  the total distance it travels divided by the time taken.

**C**  its slowest speed.

**D** its speed limit.

**[1]**

4.If a car travels at 50 mph for 4 hours, what distance will it travel?

**A** 50 miles **B**  100 miles

**C** 40 miles **D** 200 miles

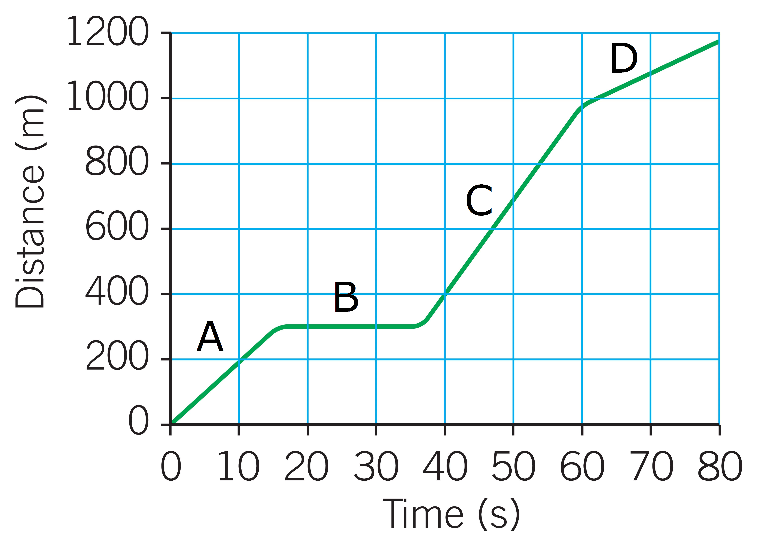
**[1]**

5. Two cars are travelling in the same direction on a road. The blue car is travelling at 25 m/s in front of the red car, which is travelling at 30 m/s. What is their relative speed?

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**[1]**

6. The graph below is a distance–time graph for a remote control car.

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(a) State the section of the graph (A, B, C, or D) where the car is stationary (not moving).

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**[1]**

(b) State the section of the graph (A, B, C, or D) where the car is moving the slowest.

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**[1]**

(c) Explain your answer to part (b).

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**[1]**

(d) Calculate the average speed of the car over the whole journey.

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**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Average speed = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ m/s

**[3]**

Total: \_\_\_\_\_ /10