



New Maths GCSE: A14 - Speed, Distance, Time Graphs

Name:.....

Date:.....

The graph of a van travelling to Manchester

For how long was the van stationary?

A 0.5 minutes **B** 11.30
C 1 hour **D** 30 minutes

Correct Answer: A B C D

Explanation:

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The graph of a van travelling to Manchester

How far did the van travel altogether?

A 14.5 km **B** 30 km
C 50 km **D** 80 km

Correct Answer: A B C D

Explanation:

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The graph of a van travelling to Manchester

What was the total time for the journey, including stops?

A 14.5 hours **B** 4.5 hours
C 2 hours **D** 2.5 hours

Correct Answer: A B C D

Explanation:

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The graph of a van travelling to Manchester

What was the speed of the van between 10:00 and 11:30?

A 15 km/h **B** 30 km/h
C 45 km/h **D** 20 km/h

Correct Answer: A B C D

Explanation:

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Which one of these graphs best illustrated the below journey?

"I drive at a steady pace away from home. I then stop for a short while. When I continue, I drive in the same direction but at a quicker pace."

Correct Answer: A B C D

Explanation:

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Look at the position-time graph below. How could you describe the motion between 0 and 5 seconds?

A Accelerating
B Moving at a constant speed
C Travelling uphill
D Running

Correct Answer: A B C D

Explanation:

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Curt jogged on a path that was 2 miles long, took a break, and then jogged back along the same path to where he started. He jogged at different speeds for different distances along the path as shown in the graph.

Curt's Jogging Time and Distance

Between which times did Curt jog the fastest?

A. 0 minutes and 10 minutes
B. 10 minutes and 25 minutes
C. 25 minutes and 30 minutes
D. 30 minutes and 60 minutes

Correct Answer: A B C D

Explanation:

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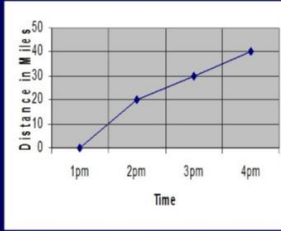
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At what speed is the car travelling between 2pm and 4pm?



A. 20mph

B. 40mph

C. 10mph

D. 30mph

Correct Answer: A B C D

Explanation:

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