

Scalar and Vector Quantities

Question Paper

Level	GCSE (9-1)
Subject	Combined Science: Trilogy - Physics
Exam Board	AQA
Topic	6.5 Forces
Sub-Topic	Scalar and Vector Quantities
Difficulty Level	Silver Level
Booklet	Question Paper

Time Allowed: 3 minutes

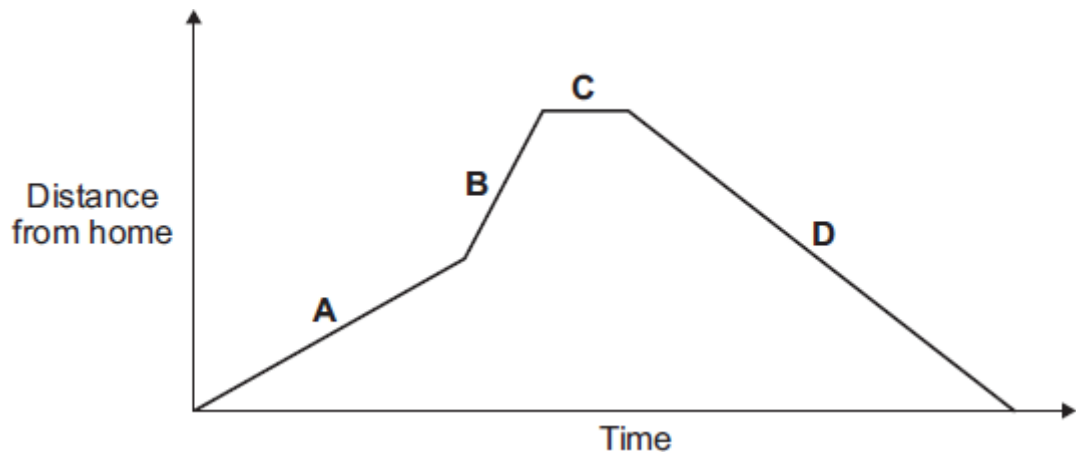
Score: /3

Percentage: /100

Grade Boundaries:

Q1. (a) A person takes their dog for a walk.

The graph shows how the distance from their home changes with time.



Which part of the graph, **A**, **B**, **C** or **D**, shows them walking the fastest?

Write your answer in the box.

Give the reason for your answer.

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(2)

(b) During the walk, both the speed and the velocity of the person and the dog change.

How is *velocity* different from *speed*?

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(1)

(Total 3 marks)