Real-Life Graphs

Question Paper

Course	CIE IGCSE Maths
Section	Coordinate Geometry & Graphs
Topic	Real-Life Graphs
Difficulty	Medium

Time Allowed	20
Score	/15
Percentage	/100

Question 1a
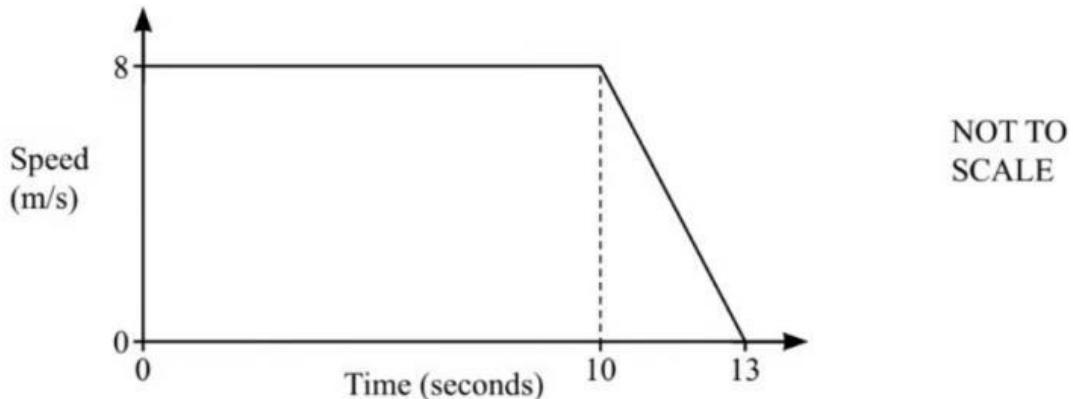
The diagram shows the speed–time graph of part of a car journey.

Find the deceleration of the car between 10 and 13 seconds.

...m/s^2

[1 mark]

Question 1b

Calculate the total distance travelled during the 13 seconds.

....m

[2 marks]

LIVEWORKSHEETS
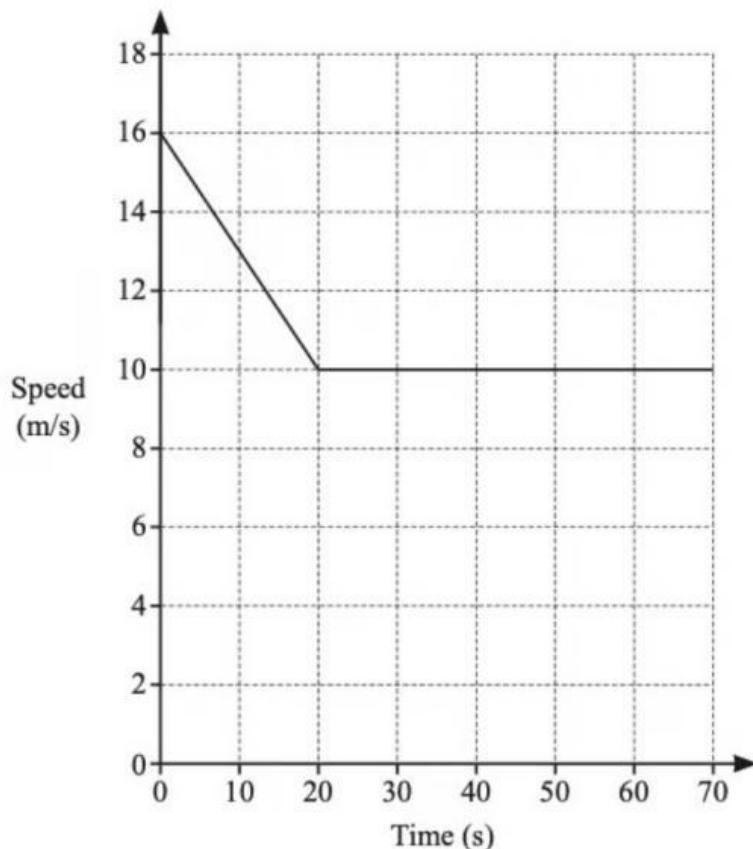
Question 2a

The diagram shows the speed–time graph for 70 seconds of a car journey.

Calculate the deceleration of the car during the first 20 seconds.

.. m/s^2

[1 mark]

LIVEWORKSHEETS

Question 2b

Calculate the total distance travelled by the car during the 70 seconds.

.... m

[3 marks]

Question 3a
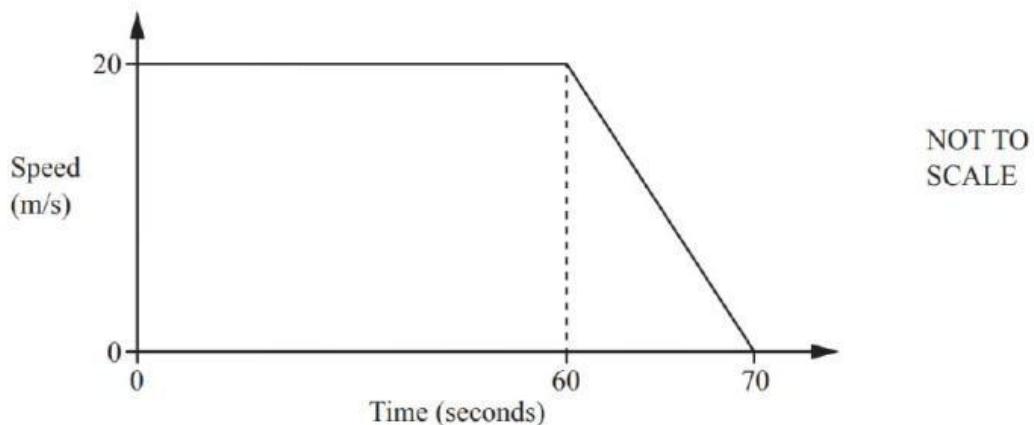
The diagram shows information about the final 70 seconds of a car journey.
Find the deceleration of the car between 60 and 70 seconds.

.....................................m/s^2

[1 mark]

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Question 3b

Find the distance travelled by the car during the 70 seconds.

....m

[3 marks]

Question 4a
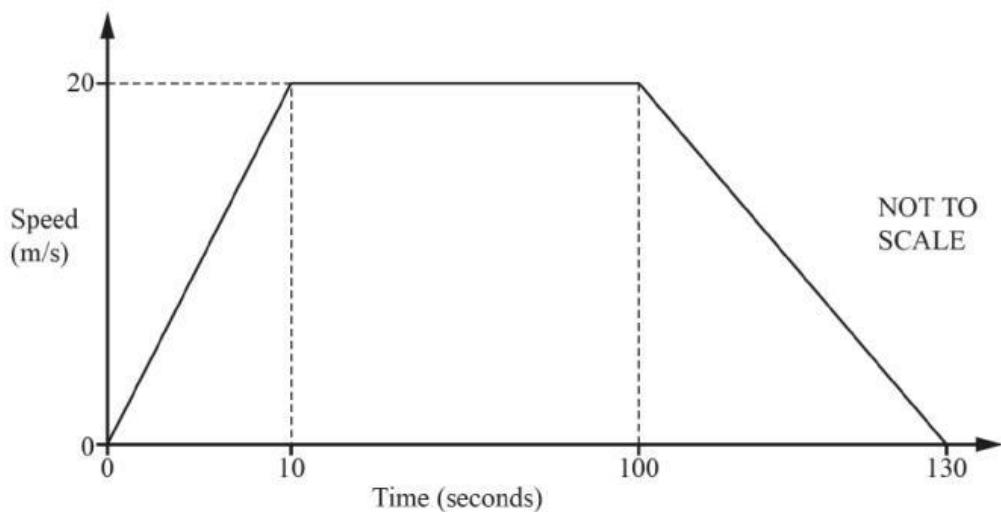
The speed–time graph shows information about the journey of a tram between two stations.
Calculate the distance between the two stations.

....m

[3 marks]

LIVEWORKSHEETS

Question 4b

Calculate the average speed of the tram for the whole journey.

.... m/s

[1 mark]

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