

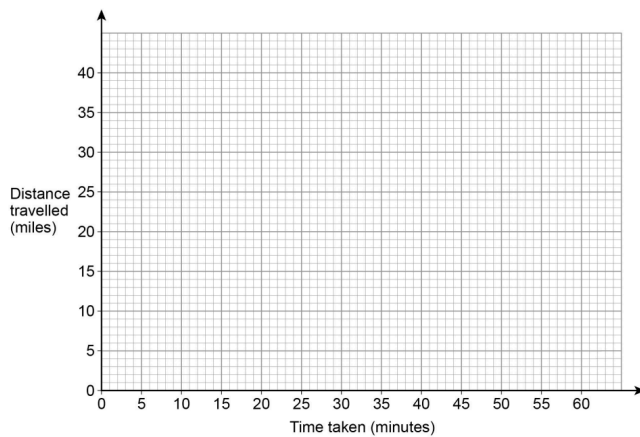
Q1. (2017)

- 8** Lily goes on a car journey.
- For the first 30 minutes her average speed is 40 miles per hour.
- She then stops for 15 minutes.
- She then completes the journey at an average speed of 60 miles per hour.
- The total journey time is 1 hour.

(A)

- 8 (a)** Draw a distance-time graph for her journey.

[3 marks]



(B)

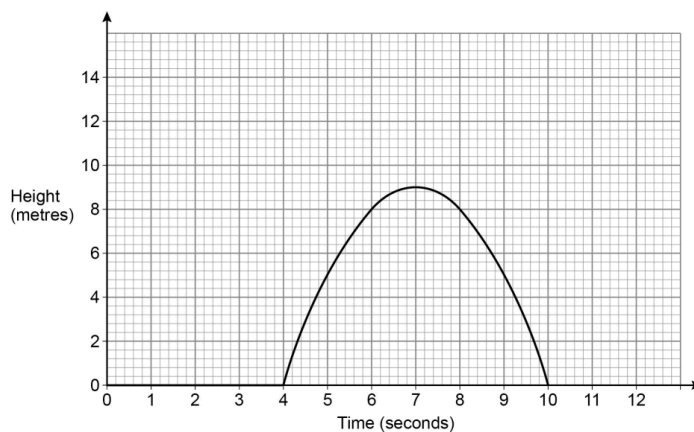
- 8 (b)** Write down the average speed for the total journey.

[1 mark]

Answer _____ mph

Q2. (2021)

- 19** The graph shows the height above ground of a toy rocket for 10 seconds.



(A)

- 19 (a)** For how long is the rocket in the air?
Circle your answer.

[1 mark]

10 seconds 9 seconds 6 seconds 4 seconds

(B)

- 19 (b)** Using the graph, estimate the speed of the rocket after 6 seconds.
State the units of your answer.

[3 marks]