1 A driver travels 80 km in 1 hour, rests for 1 hour, then travels a further 40 km in 2 hours.

(a) Find the speed during the first hour (1)

(b) Find the speed during the last part (1)

(c) Write down the total distance travelled (1)

(d) Write down the total time taken (1)

(e) **Find the average speed for the whole journey.** (1)

(5 marks)

2 A journey is in two parts: 60 km in 1 hour, then 60 km in 3 hours.

(a) Find the speed of the first part (1)

(b) Find the speed of the second part (1)

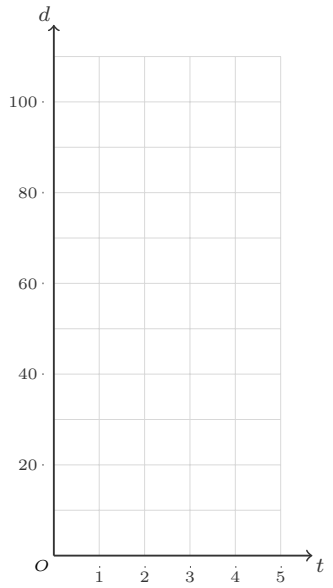
(c) Find the average speed for the whole journey (1)

(d) **A pupil answered 40 km/h. Explain what they did and why it is wrong.** (2)

(5 marks)

3 Draw the distance-time graph for this journey. **Label both axes.**

A man drives 40 km in 1 hour, stops for 1 hour, then drives a further 60 km in 2 hours.



(a) the three pieces (4)

(b) **Which piece is steepest? Is that the fastest?** (2)

(6 marks)