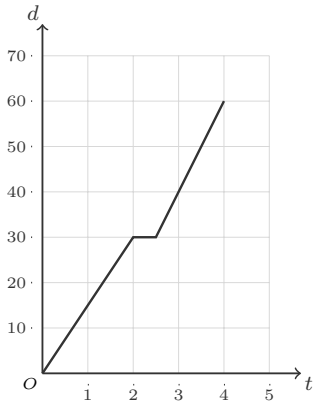
1 The graph shows a cyclist's journey.

t is the time in hours and d is the distance from home in kilometres.



(a) How far had he gone after 2 hours? (1)

(b) For how long did he rest? (1)

(c) **Find the speed during the first 2 hours.** Give the unit. (1)

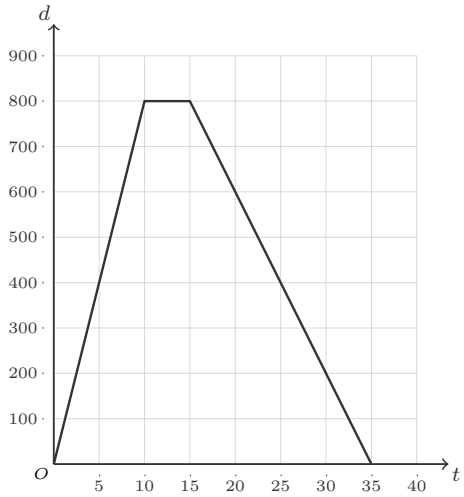
(d) Find the speed during the last part of the journey (1)

(e) Which part of the journey was fastest? **Say how the graph shows it.** (3)

(7 marks)

2 The graph shows a walk.

t is the time in minutes and d is the distance from P in metres.



(a) Describe what happened between 10 and 15 minutes (2)

(b) **Describe what happened after 15 minutes.** (2)

(c) Find her speed on the way out (1)

(d) Find her speed on the way back (1)

(6 marks)

3 Find the speed for each of these. **Give the unit every time.**

(a) 120 km in 3 hours (1)

(b) 600 m in 5 minutes (1)

(c) 45 km in $1\frac{1}{2}$ hours (1)

(d) 0 km in 2 hours (1)

(4 marks)