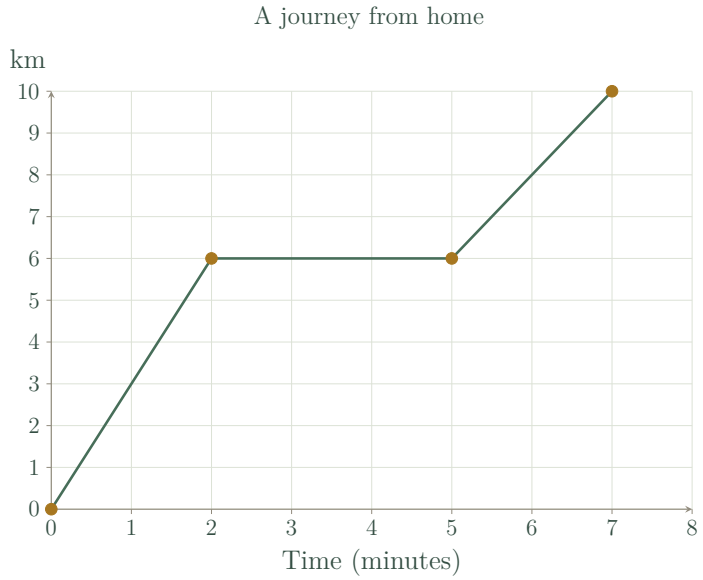
Practice worksheet | Coordinates, patterns and graphs

Interpreting authentic graphs and changes between variables

Name: _____ Date: _____

6 questions | 13 marks

1. Using the journey log, give the distance from home at minute 7. [2 marks]



Journey log supplied for this example

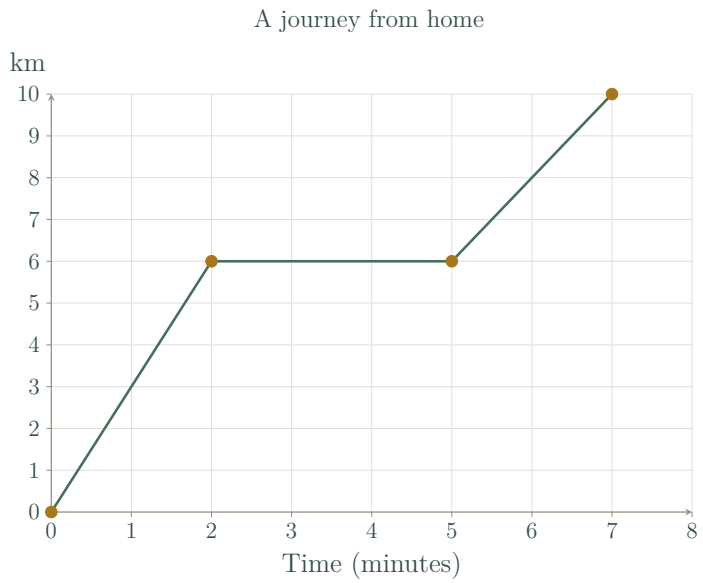
Time (min)	Distance from home (km)
0	0
2	6
5	6
7	10

2. How much farther from home is the traveller at minute 7 than at minute 5? [2 marks]

Journey log supplied for this example

Time (min)	Distance from home (km)
0	0
2	6
5	6
7	10

3. For how long is the supplied journey graph flat? [2 marks]



4. A graph has time in hours horizontally and distance in kilometres vertically. Explain $(2, 90)$. [2 marks]

5. Use the cooling readings to find the total temperature fall in six minutes. [2 marks]

Supplied cooling readings

Time (min)	Temperature (°C)
0	80
2	65
4	55
6	50

6. Plant height was recorded for four weeks. Why may continuing the same line to week 30 be unreliable? [3 marks]