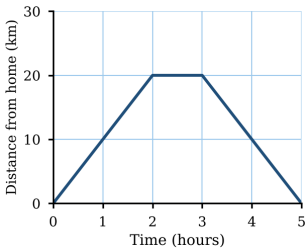
Day 266	C Tier 10-a-day
1 Work out the value of 3b when b = 2.	
2 Simplify the ratio 9 : 15	
3 Here are four digit cards: [7] [9] [4] [8] Use all four cards to make the smallest possible 4-digit number.	
4 A bus travels 240 km at 40 km/h. How long does the journey take?	
5 On a map, 1 cm represents 10 km. Two towns are 50 km apart in real life. How far apart are they on the map?	

Day 266 **C Tier 10-a-day**

6 The graph shows a journey. Sam cycles from home to a shop and then back home.
(a) After how many hours did the journey start back home?
(b) How long did the journey home take?



7 The cost, C pounds, of n tickets is given by the formula C = 4n.
(a) Work out the value of C when n = 6.
(b) Work out the value of n when C = 28.

8 Write down the time shown on the clock.



9 Each minibus holds 30 people.
77 people need a lift.
How many minibuses are needed?

10 A straight line passes through the points
(6, 0), (6, 2), (6, 5)
Write down the equation of the line.