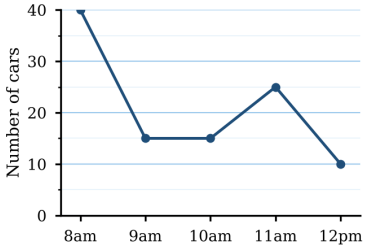
Day 201 **C Tier 10-a-day**

1 Simplify $t \times 7$

2 Change
(a) 30 mm into cm
(b) 900 cm into m

3 The line graph shows the number of cars in a car park at different times.
At what time was the number of cars greatest?



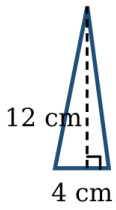
4 Work out $6^2 + 6$.

5 The table shows the number of brothers and sisters of each student in a class.
Write down the mode.

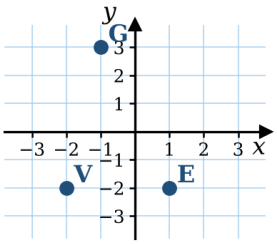
Brothers and sisters	0	1	2	3	4
Frequency	2	5	11	9	6

Day 201 **C Tier 10-a-day**

6 The diagram shows a triangle.
Work out the area of the triangle.
The diagram is not drawn accurately.



7 (a) Write down the coordinates of point V.
(b) Which point has coordinates (−1, 3)?



8 Write these numbers in order, starting with the largest.
−1, −3, 3, 1, 5

9 There are x pencils in each box.
8 boxes hold 56 pencils in total.
(a) Write down an equation using x.
(b) Solve your equation to find how many pencils are in each box.

10 Work out 9 × 4 + 5.