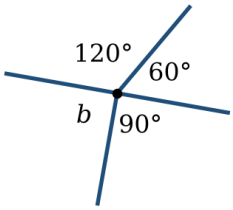
Day 147	C Tier 10-a-day
1 A machine makes 8 bottles each hour. How many bottles does it make in 4 hours?	
2 Work out 339 − 127.	
3 The diagram shows 4 angles round a point. Work out the size of angle b. The diagram is not drawn accurately. 	
4 Change 2 kg to grams.	
5 Change 8 litres into ml.	

Day 147 **C Tier 10-a-day**

6 A square has sides of length x cm.
Write an expression for the perimeter of the shape.
Give your answer in its simplest form.

7 A rectangular patio is 3 m long and 3 m wide.
Paving costs £12 per m^2.
Work out the cost of covering the patio.

8 A bag contains 2 yellow sweets, 1 black sweets and 5 red sweets.
One is taken at random.
Write down the probability that it is not red.

9 The table shows some values of x and y.
(a) Write down the value of y when x = 1.
(b) Write down the value of x when y = 18.

x	0	1	2	3	4
y	6	9	12	15	18

10 90 students were asked about their way of travelling to school.
18 of them walk to school.
The results are shown in a pie chart.
Work out the angle of the sector for those students.