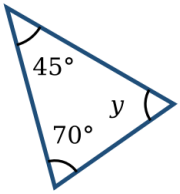
Day 223	C Tier 10-a-day
1 Work out the value of 9a when a = 7.	
2 Here are the ages of some children. 14 10 13 12 12 9 Work out the range.	
3 The diagram shows a triangle. Work out the size of angle y. The diagram is not drawn accurately. 	
4 Write down the prime number in this list. 49, 37, 9, 35	
5 Here are the first four terms of a sequence. 49, 40, 31, 22 Write down the next term.	

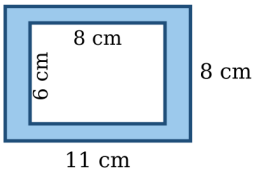
Day 223 **C Tier 10-a-day**

6 Write 08:10 using am or pm.

7 A bag has four colours.
The table shows the probability of each colour.
The probabilities add up to 1.
Work out the missing probability.

Colour	Red	Blue	Green	Yellow
Prob.	0.1	0.4	?	0.05

8 The diagram shows a rectangle with a smaller rectangle cut out of it.
Work out the area of the shaded part.
The diagram is not drawn accurately.



9 There are x children in a club.
8 children leave.
There are now 8 children in the club.
(a) Write down an equation using x.
(b) Solve your equation to find how many children were in the club at first.

10 A bus travels 36 km in 3 hours.
Work out its average speed.