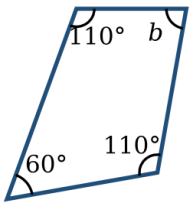
Day 299	C Tier 10-a-day
1 Here are the shoe sizes of some students. 7 6 4 3 5 9 9 4 9 7 Write down the mode.	
2 Simplify 3 × q × t	
3 Round 96.8 to the nearest whole number.	
4 The diagram shows a quadrilateral. Work out the size of angle b. The diagram is not drawn accurately. 	
5 Solve d − 6 = 2	

Day 299 **C Tier 10-a-day**

6 A spinner 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.	0.2	?	0.5	0.2

7 Work out $\frac{6}{8} + \frac{1}{8}$.

8 The two-way table shows some information.
Work out the missing number, shown by ?

	Pizza	Pasta	Total
Year 7	8	12	20
Year 8	17	18	35
Total	?	30	55

9 x cakes are shared equally between 4 friends.
Each friend gets 3 cakes.
(a) Write down an equation using x.
(b) Solve your equation to find how many cakes there were.

10 A square patio has an area of 36 m^2.
Work out the perimeter of the patio.