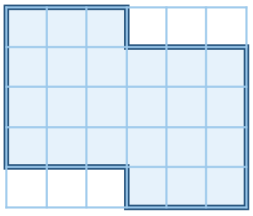
Day 110	C Tier 10-a-day
1 Simplify $3 \times n \times p$	
2 A cyclist travels 60 km in 4 hours. Work out its average speed.	
3 Simplify $4k + 8k$	
4 Here are the numbers of goals scored by a team in some matches. 5 4 6 1 5 1 6 Work out the range.	
5 The diagram shows a shape drawn on a square grid. Each square has an area of 1 cm^2. Work out the area of the shape. 	

Day 110 **C Tier 10-a-day**

6 Estimate the value of 28 + 76 by rounding each number to the nearest 10.

7 Bearings are measured clockwise from north.
Write down the three-figure bearing of
(a) north-east
(b) south-east

8 What fraction of the shape is shaded?



9 The nth term of a sequence is 3n.
Write down the first three terms of the sequence.

10 A game uses a four-coloured spinner.
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	?	0.05	0.45