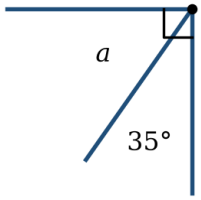
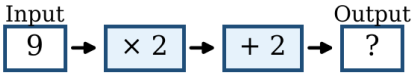
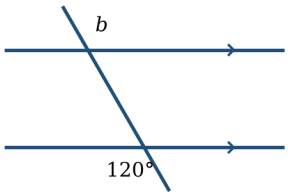
Day 331	C Tier 10-a-day
1 The diagram shows a right angle split into two angles. Work out the size of angle a. The diagram is not drawn accurately. 	
2 In a box of beads, the ratio of red to blue is 1 : 3. There are 6 blue. Work out the number of red.	
3 The diameter of a plate is 50 mm. Work out the radius.	
4 Here is a function machine. Work out the output when the input is 9. 	
5 Sam saves £2 each week. How many weeks does it take to save £10?	

Day 331 **C Tier 10-a-day**

6 Nina thinks of a number.
Nina multiplies it by 6.
The answer is 36.
What number did Nina think of?

7 Two parallel lines are crossed by a straight line.
Work out the size of angle b.
Give a reason for your answer.



8 A lesson starts at 3:30 pm.
It finishes at 6:50 pm.
How long does it last?

9 The stem and leaf diagram shows the times, in seconds, taken by runners.
Work out the range.

Stem	Leaf
3	0 2 5 8
4	7 9
5	3 4 6 6

Key: 3 | 0 means 30

10 Each minibus holds 25 people.
87 people need a lift.
How many minibuses are needed?