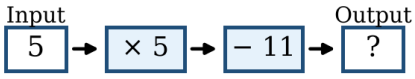
Day 175	C Tier 10-a-day
1 Write 0.3 as a fraction in its simplest form.	
2 Here is a function machine. Work out the output when the input is 5. 	
3 A fair 10-sided dice numbered 1 to 10 is rolled. Write down the probability of rolling (a) a number greater than 4 (b) a number less than 10	
4 Work out 7.8 − 3.2.	
5 Work out the value of 5b + 8 when b = 5.	

Day 175	C Tier 10-a-day
6 The point P has coordinates $(-4, -1)$. P is reflected in the line $y = 1$. Write down the coordinates of the image of P.	
7 A car travels 200 miles in 4 hours. Work out its average speed.	
8 ABCD is a rectangle. A is the point (2, 0), B is the point (2, 7) and C is the point (7, 7). Write down the coordinates of D.	
9 Change (a) 2 m into cm (b) 4500 m into km	
10 The mean of five numbers is 8. Four of the numbers are 10, 13, 8 and 4. Work out the other number.	