Day 252	C Tier 10-a-day
1 Work out 441 + 290.	
2 The point P has coordinates (−5, 2). P is reflected in the y-axis. Write down the coordinates of the image of P.	
3 A fair six-sided dice is rolled. Write down the probability of rolling (a) a 1 (b) a number less than 6	
4 Gita thinks of a number. Gita multiplies it by 8. The answer is 96. What number did Gita think of?	
5 A tray holds 1 cm cubes in layers. Each layer is 8 cubes long and 3 cubes wide. There are 4 layers. How many cubes are there altogether?	

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6 The probability that a player scores a goal is 0.7. Work out the probability that this does not happen.	
7 Matchsticks are used to make a pattern of triangles. The diagram shows the first three patterns. How many matchsticks are needed for (a) Pattern 5 (b) Pattern 7  Pattern 1 Pattern 2 Pattern 3	
8 Write down all the factors of 16.	
9 A square lawn has an area of 49 m^2. Work out the perimeter of the lawn.	
10 Here is a function machine. The output is 47. Work out the input.  	