Day 53 **C Tier 10-a-day**

1 Here are the shoe sizes of some students.
3 4 5
Work out the mean.

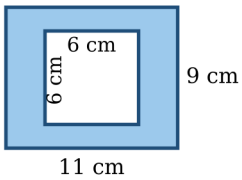
2 Work out the value of $x^2 + 1$ when $x = 8$.

3 A bag contains 6 red, 3 blue and 6 yellow counters.
One is taken at random.
Write down the probability that it is red.

4 Priya is facing east.
Priya turns 90° anticlockwise.
Which direction is Priya facing now?

5 The table shows the types of film 40 people watched.
Work out the number of people for Action.

Film	Horror	Comedy	Drama	Action
Number	17	3	5	?

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6 Write down the name of the quadrilateral that has opposite sides equal and parallel, and no lines of symmetry.	
7 The cost, C pounds, of n tickets is given by the formula C = 6n. (a) Work out the value of C when n = 5. (b) Work out the value of n when C = 12.	
8 39 cards are shared equally between 6 children. (a) How many does each child get? (b) How many are left over?	
9 The diagram shows a rectangle with a smaller rectangle cut out of it. Work out the area of the shaded part. The diagram is not drawn accurately. 	
10 Work out 3 + 6 × 5.	