Day 297 **C Tier 10-a-day**

1 A square playground has sides of length 3 mm.
(a) Work out its perimeter.
(b) Work out its area.

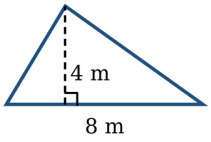
2 Write the ratio 36 : 4 in its simplest form.

3 The table shows the number of tickets each day.
Work out the total number of tickets on Monday and Thursday.

Mon	Tue	Wed	Thu	Fri
30	12	8	23	22

4 The probability that the post arrives before 9 am is $\frac{1}{8}$.
Work out the probability that this does not happen.

5 Work out $\frac{1}{10}$ of 110 kg.

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6 Simplify 3b + x + 2b + 4x	
7 The diagram shows a triangle. Work out the area of the triangle. The diagram is not drawn accurately.  	
8 Each minibus holds 25 people. 82 people need a lift. How many minibuses are needed?	
9 Here are the times, in minutes, of some bus journeys. 20 29 22 19 30 9 28 16 Work out the median.	
10 Work out the value of $z - 5$ when $z = -5$.	