Day 178 **C Tier 10-a-day**

1 The table shows the favourite colour of some children.
Write down the number of children for Yellow.

Colour	Yellow	Green	Red	Blue
Number	10	13	3	7

2 Work out the value of 8n when n = 7.

3 A square picture has sides of length 5 mm.
(a) Work out its perimeter.
(b) Work out its area.

4 Find the missing number.

$$\frac{1}{10} = \frac{?}{50}$$

5 A flight takes off at 11:30 am and lands at 1:05 pm.
How long is the flight?

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6 Work out 7.9 − 5.7.	
7 The distance, d km, travelled in t hours is given by the formula d = 9t. (a) Work out the value of d when t = 4. (b) Work out the value of t when d = 27.	
8 A biased dice is rolled 200 times. It lands on a six 35 times. Estimate the probability that it lands on a six next time. Give your answer as a fraction in its simplest form.	
9 Each coach holds 25 people. 77 people need a lift. How many coaches are needed?	
10 56 children were asked about their favourite animal. The pie chart shows the results. How many children chose Cat? 	