Day 224 **C Tier 10-a-day**

1 The tally chart shows the favourite colour of some children.
How many more children for Green than for Red?

Colour	Tally
Yellow	𝍸 𝍸 |
Red	𝍸 |
Green	𝍸 ||

2 Simplify 5x + 4x

3 Change
(a) 8 minutes into seconds
(b) 10 weeks into days

4 Here are the marks in a test.
20 18 14 12 17 20 8 7 10 4
Write down the mode.

5 Here are the first four terms of a sequence.
38, 36, 34, 32
(a) Write down the next term.
(b) Write down the rule for finding the next term.

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6 44 cards are shared equally between 5 children. (a) How many does each child get? (b) How many are left over?	
7 A square has sides of length 4 cm. It is enlarged by scale factor 2. Work out the length of a side of the enlarged square.	
8 The nth term of a sequence is n + 2. Work out the 6th term of the sequence.	
9 On a map, 1 cm represents 50 km. Two towns are 8 cm apart on the map. Work out the real distance between the towns.	
10 Each minibus holds 50 people. 182 people need a lift. How many minibuses are needed?	