Day 148	C Tier 10-a-day
1 A recipe for a vegetable soup for 10 people uses 50 g of sugar. Work out how much sugar is needed for 5 people.	
2 Change (a) 900 cl into litres (b) 500 cl into litres	
3 Which of these means 6 added to n? $\frac{n}{6}$, 6n, n^2, n + 6	
4 Work out $\frac{1}{10}$ of 30 metres.	
5 Work out the value of 7k + 1 when k = 7.	

Day 148 **C Tier 10-a-day**

6 On a map, 1 cm represents 200 m.
On the map, two towns are 5 cm apart.
Work out the real distance between the towns.

7 Write $\frac{5}{40}$ in its simplest form.

8 £1 = €1.20
Change £100 into euros.

9 A square patio has an area of 16 m^2.
Work out the perimeter of the patio.

10 The two-way table shows some information.
Work out the missing number, shown by ?

	Football	Netball	Total
Year 7	7	14	21
Year 8	14	3	17
Total	?	17	38