Day 262	C Tier 10-a-day
1 Here is a sequence with one number missing. 14, 17, ?, 23, 26 Work out the missing number.	
2 Write the ratio 40 : 64 in its simplest form.	
3 Simplify $4 \times n \times t$	
4 A train leaves at 5:40 pm and arrives at 7:45 pm. How long does the journey take?	
5 Work out $315 - 234$.	

Day 262	C Tier 10-a-day
6 A cube has sides of length 6 cm. (a) Work out the volume of the cube. (b) Work out the total surface area of the cube.	
7 Solve $\frac{d}{8} = 3$	
8 At a concert, the ratio of adults to children is 3 : 4. There are 15 adults. Work out the number of children.	
9 Each coach holds 40 people. 82 people need a lift. How many coaches are needed?	
10 A square field has an area of 36 m^2. Work out the perimeter of the field.	