Day 100	B Tier 10-a-day
1 Solve $14 - 7n = -21$	
2 A rectangular pond is 12 m by 13 m. There is a path of width 2 m all the way round the outside of the pond. Work out the area of the path.	
3 Work out 235×34	
4 On a map, 1 cm represents 1 km. A lake is 15.5 cm long on the map. Work out the real length of the lake.	
5 Work out $1\frac{3}{4} + 2\frac{5}{8}$ Give your answer as a mixed number.	

Day 100 **B Tier 10-a-day**

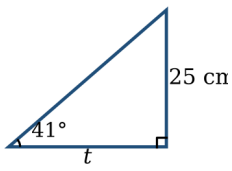
6 Solve 3(3x + 8) = 60

7 The table shows some information about 51 members of a leisure centre.
A person is chosen at random.
Find the probability that the person is in the group "Children" and chose "Swim".

	Swim	Gym	Total
Adults	8		33
Children		11	
Total			51

8 Two buses leave a bus station at 10:30.
One bus leaves every 20 minutes.
The other bus leaves every 24 minutes.
At what time do both buses next leave together?

9 Find the length of t. (Calculator)
Give your answer correct to 1 decimal place.
The diagram is not drawn accurately.



10 Work out the sum of the interior angles of a polygon with 18 sides.