Day 361 **C Tier 10-a-day**

1 Write down the type of each angle.
Choose from: acute, right, obtuse, reflex.
(a) 90°
(b) 135°

2 Here are the first four terms of a sequence.
3, 8, 13, 18
Write down the next term.

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

	Cat	Dog	Total
Boys	18	20	38
Girls	14	7	21
Total	?	27	59

4 Write 1:40 pm using the 24-hour clock.

5 Here is a rule to work out the fare for a taxi journey.
Fare (£) = 9 × number of miles + 6
Work out the fare for a journey of 5 miles.

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6 A lesson starts at 2:50 pm.
It finishes at 3:35 pm.
How long does it last?

7 A spinner is spun 25 times and lands on red 8 times.
Estimate the probability that it lands on red next time.
Give your answer as a decimal.

8 A rectangular garden has an area of 77 cm^2.
Its width is 7 cm.
Work out its length.

9 The table shows the times of two buses.
Jo gets on Bus 1 at Ashby.
What time does Jo get to Cleve?

	Bus 1	Bus 2
Ashby	09:30	10:15
Brook	09:40	10:25
Cleve	09:55	10:40

10 Use the formula F = 6a + 6b to work out the value of F when a = 9 and b = 7.