Day 278 **C Tier 10-a-day**

1 The tally chart shows the favourite sport of some students.
How many more students for Cricket than for Tennis?

Sport	Tally
Cricket	𝍸 |
Rugby	𝍸 𝍸 ||||
Tennis	||||

2 Write down the type of each angle.
Choose from: acute, right, obtuse, reflex.
(a) 15°
(b) 345°

3 Here are the first four terms of a sequence.
46, 39, 32, 25
Write down the next term.

4 Work out $\frac{2}{5} + \frac{1}{5}$.

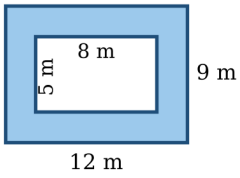
5 The table shows part of a bus timetable.
Priya arrives at Museum at 08:37.
What is the time of the next bus from Museum?

Bus stop	Bus 1	Bus 2	Bus 3
Depot	08:40	09:00	09:20
Museum	08:45	09:05	09:25
Bridge	08:55	09:15	09:35
Airport	09:00	09:20	09:40

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6 Here are the first four terms of a sequence.
9, 90, 900, 9000
Write down the next term.

7 The diagram shows a rectangle with a smaller rectangle cut out of it.
Work out the area of the shaded part.
The diagram is not drawn accurately.



8 The diagram shows the first three patterns in a sequence made by Ravi.
Each pattern is made from counters.
How many counters are in Pattern 7?



9 The probability that a seed grows is $\frac{2}{3}$.
Mia plants 12 seeds.
How many seeds would you expect to grow?

10 Each coach holds 25 people.
57 people need a lift.
How many coaches are needed?