Day 285 **C Tier 10-a-day**

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

Sport	Tally
Rugby	𝍸 𝍸 ||
Golf	𝍸 𝍸 |||
Hockey	||

2 Max is y years old.
Jon is 6 years younger than Max.
Write an expression for Jon's age.

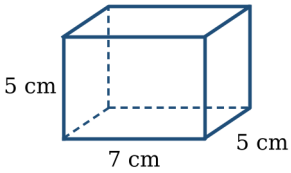
3 The temperature is −6°C.
It rises by 3°C.
What is the new temperature?

4 Which is the best estimate for the mass of a bag of sugar?
1 g 100 kg 1 kg 10 kg

5 Work out 10^4.

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6 The diagram shows a cuboid.
Work out the volume of the cuboid.
The diagram is not drawn accurately.



7 The diagram shows the first three patterns in a sequence made by Femi.
Each pattern is made from dots.
How many dots are in Pattern 6?



8 45 students were asked about their favourite subject.
8 of them chose science.
The results are shown in a pie chart.
Work out the angle of the sector for those students.

9 Write $\frac{20}{25}$ in its simplest form.

10 Simplify $8c + 2 - 6c$