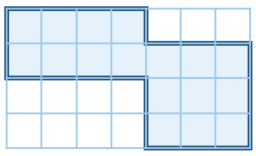
Day 239	C Tier 10-a-day
1 Here are the first four terms of a sequence. 3, 13, 23, 33 Write down the next term.	
2 Simplify the ratio 42 : 18	
3 Write down the type of each angle. Choose from: acute, right, obtuse, reflex. (a) 10° (b) 90°	
4 Simplify 6y + 5y	
5 The diagram shows a shape drawn on a square grid. Each square has a side of length 1 m. Work out the perimeter of the shape. 	

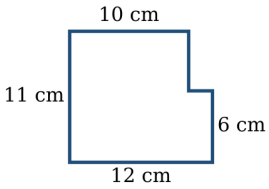
Day 239 **C Tier 10-a-day**

6 The temperature is −5°C.
It rises by 4°C.
What is the new temperature?

7 Complete the table of values for y = 4x + 1.

x	1	2	3	4	5
y		9		17	21

8 The diagram shows an L-shape.
All the corners are right angles.
Work out the perimeter of the shape.
The diagram is not drawn accurately.



9 Each minibus holds 50 people.
127 people need a lift.
How many minibuses are needed?

10 Ravi wants to find out how many hours of sleep teenagers get.
Ravi asks only students in the first lesson of the day.
Give a reason why this sample may be biased.