Day 5 **C Tier 10-a-day**

1 Work out the value of a − 4 when a = 7.

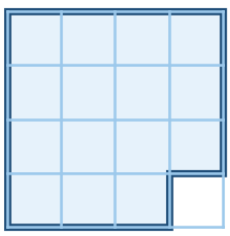
2 The temperature is −4°C.
It rises by 6°C.
What is the new temperature?

3 Out of 25 people at a party, 10 are children.
What fraction of the people are children? Give your answer in its simplest form.

4 The table shows some values of x and y.
(a) Write down the value of y when x = 5.
(b) Write down the value of x when y = 4.

x	1	2	3	4	5
y	4	7	10	13	16

5 The diagram shows a shape drawn on a square grid.
Each square has an area of 1 cm^2.
Work out the area of the shape.



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6 Write down the prime number in this list. 49, 47, 33, 27	
7 A rectangle is 5 cm long and 1 cm wide. It is enlarged by scale factor 3. Write down the length and the width of the enlarged rectangle.	
8 Sam and Aisha share £32 in the ratio 3 : 1. Work out how much each person gets.	
9 Each minibus holds 30 people. 72 people need a lift. How many minibuses are needed?	
10 A rectangular garden is 12 m long and 6 m wide. Fencing costs £5 per metre. Work out the cost of putting fence all the way round the garden.	