Day 33 **C Tier 10-a-day**

1 A bun costs 43p.
Work out the cost of 3 buns.
Give your answer in pounds.

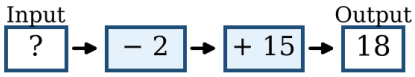
2 Which unit is best for measuring the mass of a bag of potatoes?
Choose from: g, kg, tonnes

3 The nth term of a sequence is 6n.
Work out the 10th term of the sequence.

4 A bag has four colours.
The table shows the probability of each colour.
The probabilities add up to 1.
Work out the missing probability.

Colour	Red	Blue	Green	Yellow
Prob.	0.15	0.4	0.25	?

5 Round 3.51 to 1 decimal place.

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6 Tins of beans are sold in two packs. Pack A has 5 and costs £2.00. Pack B has 12 and costs £6.00. Which pack is better value?	
7 Here is a function machine. The output is 18. Work out the input. 	
8 Work out the smaller angle between the hour hand and the minute hand of a clock at 8 o'clock.	
9 Find the smallest number that is a multiple of both 2 and 3.	
10 Work out the value of a − 6 when a = −5.	