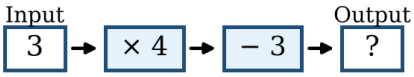
Day 202 **C Tier 10-a-day**

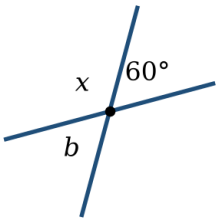
1 In a class there are 8 boys and 5 girls.
Write down the ratio of girls to boys.

2 Work out 846 − 348.

3 Here is a function machine.
Work out the output when the input is 3.



4 The diagram shows two straight lines crossing.
(a) Work out the size of angle b.
(b) Work out the size of angle x.
The diagram is not drawn accurately.



5 Solve $\frac{h}{7} = 5$

Day 202	C Tier 10-a-day
6 I think of a number. I divide it by 6. My answer is 16. What number did I think of?	
7 Here are the first four terms of a sequence. 35, 31, 27, 23 Write down the next term.	
8 A fair six-sided dice is rolled. Write down the probability of rolling (a) a multiple of 4 (b) a 1	
9 Work out $5 \times 5 + 2$.	
10 The point A has coordinates (1, 4). A is moved 2 left and 4 down. Write down the coordinates of the new point.	