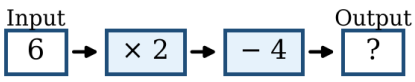
Day 103 **C Tier 10-a-day**

1 Here is a function machine.
Work out the output when the input is 6.



2 How many vertices does a pentagonal prism have?

3 The table shows the number of sandwiches each day.
Work out the total number of sandwiches on Tuesday and Friday.

Mon	Tue	Wed	Thu	Fri
31	38	11	12	39

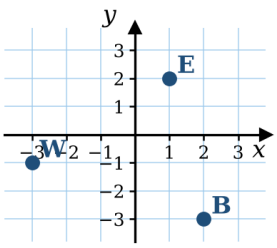
4 Ravi thinks of a number.
Ravi adds 7.
The answer is 24.
What number did Ravi think of?

5 £1 = $2.00
Change £10 into US dollars.

Day 103 **C Tier 10-a-day**

6 P is the point (3, 0).
Q is the point (3, 8).
Work out the coordinates of the midpoint of PQ.

7 (a) Write down the coordinates of point W.
(b) Which point has coordinates (2, −3)?



8 The table shows the times of two buses.
Jo gets on Bus 1 at School.
What time does Jo get to Hospital?

	Bus 1	Bus 2
School	10:10	11:10
Market	10:25	11:25
Hospital	10:40	11:40

9 A square picture has an area of 144 cm^2.
Work out the perimeter of the picture.

10 The probability that a bus is late is $\frac{1}{4}$.
There are 40 buses in a week.
How many buses would you expect to be late?