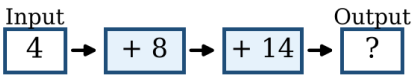
**Day 254** **C Tier 10-a-day**

**1** The clock shows the time now.
(a) Write down the time shown.
(b) What time will it be in 15 minutes?



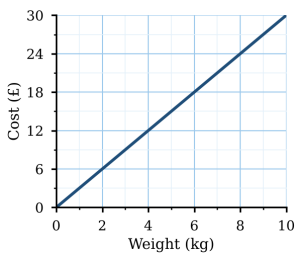

**2** Work out $\frac{9}{11} - \frac{1}{11}$.

**3** Here is a function machine.
Work out the output when the input is 4.




**4** On a map, 1 cm represents 10 km.
Two towns are 6 cm apart on the map.
Work out the real distance between the towns.

**5** d = 6 and y = 2
Work out the value of
(a) d + 3y
(b) d + y

| Day 254 | C Tier 10-a-day |
|---|---|
| **6** A polygon has 6 sides.<br>Write down the name of this polygon. | |
| **7** Femi buys a bun and a milkshake.<br>A bun costs 40p.<br>A milkshake costs £1.10.<br>Work out the total cost. | |
| **8** Aisha wants to find out how much money people spend on books.<br>Aisha asks only people in a bookshop.<br>Give a reason why this sample may be biased. | |
| **9** There are x children in a club.<br>7 children leave.<br>There are now 20 children in the club.<br>(a) Write down an equation using x.<br>(b) Solve your equation to find how many children were in the club at first. | |
| **10** The graph shows the cost of apples.<br>Use the graph to find how many kg of apples can be bought for £6.<br> | |