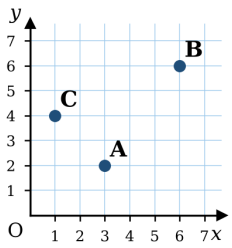
Day 198 **C Tier 10-a-day**

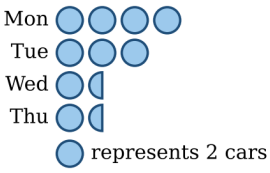
1 Work out the value of $15 - z$ when $z = 7$.

2 Write down the coordinates of
(a) point A
(b) point C



3 Here is a number sequence.
3, 8, 13, 18, ...
Write down the next two numbers.

4 The pictogram shows the number of cars washed on four days.
How many more cars on Mon than on Thu?



5 The point P has coordinates $(3, -5)$.
P is reflected in the line $y = -1$.
Write down the coordinates of the image of P.

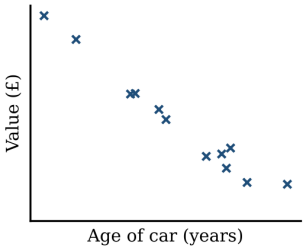
Day 198 **C Tier 10-a-day**

6 Matchsticks are used to make a pattern of squares.
The diagram shows the first three patterns.
How many matchsticks are needed for
(a) Pattern 5
(b) Pattern 9



Pattern 1 Pattern 2 Pattern 3

7 The scatter graph shows information about age of car and value.
What type of correlation does the scatter graph show?



8 The perimeter, P cm, of a square with side length s cm is given by the formula P = 4s.
(a) Work out the value of P when s = 8.
(b) Work out the value of s when P = 24.

9 Work out $\frac{1}{3}$ of £18.

10 A rectangle has an area of 78 cm^2.
Its width is 6 cm.
Work out the perimeter of the rectangle.