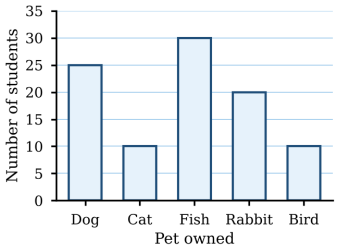
Day 120 **B Tier 10-a-day**

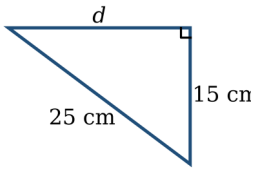
1 (a) Change 5.8 cm to mm.
(b) Change 3780 cm to m.

2 The bar chart shows some information.
(a) How many more were there for Rabbit than for Cat?
(b) Work out the total of all five bars.



3 (a) Write down all the factors of 45.
(b) Write down all the multiples of 9 between 26 and 53.

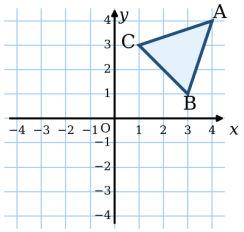
4 Work out the length of d.
The diagram is not drawn accurately.



5 Write each number in standard form.
(a) 4900
(b) 0.0097

Day 120 **B Tier 10-a-day**

6 The diagram shows triangle ABC on a grid.
(a) Write down the coordinates of the image of B after a reflection in the y-axis.
(b) Write down the coordinates of the image of A after a reflection in the x-axis.



7 Factorise $x^2 - 7x$

8 A block causes a pressure of 3 N/m^2 on the floor.
The area in contact with the floor is 2 m^2.
Work out the force exerted on the floor.

9 Show that $(n + 5)(n + 2) - n(n + 7)$ has the same value for every whole number n.

10 Complete the table of values for $y = 5x - 2$

x	−2	−1	0	1	2
y				3	8