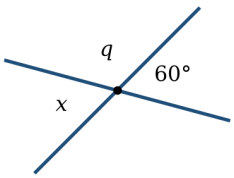
Day 168 **C Tier 10-a-day**

1 A vet sees 2 cats and 3 dogs.
Write down the ratio of dogs to cats.

2 Work out $-6 - 3$.

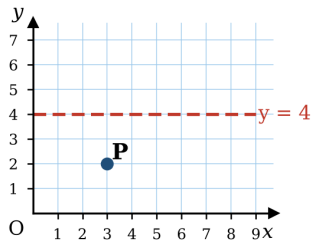
3 Here are three points.
(1, 9), (3, 0), (0, 1)
Which point lies on the y-axis?

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



5 The table shows the favourite fruit of 20 students.
Work out the number of students for Grapes.

Fruit	Apple	Orange	Pear	Grapes
Number	3	2	6	?

Day 168	C Tier 10-a-day
6 Write these numbers in order, starting with the smallest. 0, −8, −6, 2, 8	
7 The point P is drawn on the grid. P is reflected in the line y = 4. Write down the coordinates of the image of P. 	
8 A triangle has sides of length l cm, l cm and d cm. Write an expression for the perimeter of the shape. Give your answer in its simplest form.	
9 The diameter of a round table is 6 m. Work out the radius.	
10 The nth term of a sequence is 6n − 3. Write down the first three terms of the sequence.	