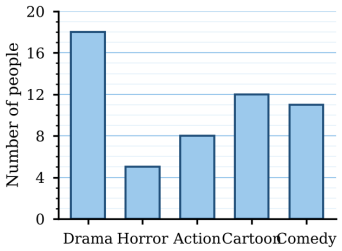
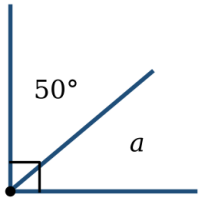
Day 192 **C Tier 10-a-day**

1 The bar chart shows the types of film some people watched.
Which bar shows the mode?



2 A right angle is split into two angles by a line.
Work out the size of angle a.
The diagram is not drawn accurately.



3 Round 98.7 to the nearest whole number.

4 Here are the ages of some children.
13 6 13 11
Work out the median.

5 Here are the first four terms of a sequence.
4, 3, 7, 10
Each term is found by adding the two terms before it.
Write down the next two terms.

Day 192	C Tier 10-a-day
6 Work out 10^2.	
7 Tom wants to find out what music people in a town like. Tom asks only people at a rock concert. Give a reason why this sample may be biased.	
8 Write $\frac{16}{28}$ in its simplest form.	
9 A cube has sides of length 6 m. (a) Work out the volume of the cube. (b) Work out the total surface area of the cube.	
10 A triangle has sides of length d cm, d cm and 3 cm. Write an expression for the perimeter of the shape. Give your answer in its simplest form.	