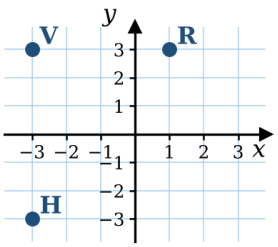
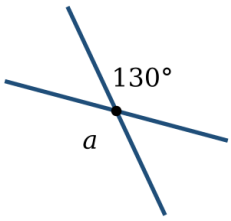
Day 180	C Tier 10-a-day

1 (a) Write down the coordinates of point R.
(b) Which point has coordinates $(-3, -3)$?



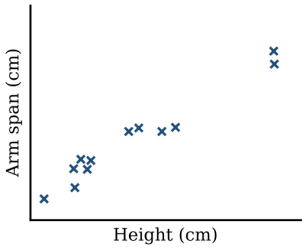
2 The diagram shows two straight lines crossing.
Work out the size of angle a.
The diagram is not drawn accurately.



3 Write these numbers in order, starting with the largest.
134, 841, 843, 469

4 Here are the first four terms of a sequence.
42, 33, 24, 15
(a) Write down the next term.
(b) Write down the rule for finding the next term.

5 5 cartons cost £4.50.
Work out the cost of one carton.

Day 180	C Tier 10-a-day
6 On a map, 1 cm represents 5 km. Two towns are 60 km apart in real life. How far apart are they on the map?	
7 Here is a scatter graph of arm span against height. Describe the correlation.  	
8 Find the missing number. $\frac{2}{5} = \frac{?}{20}$	
9 A circle has a diameter of 4 cm. Work out its circumference. Use $\pi = 3.14$	
10 Work out the value of 4a when a = −5.	