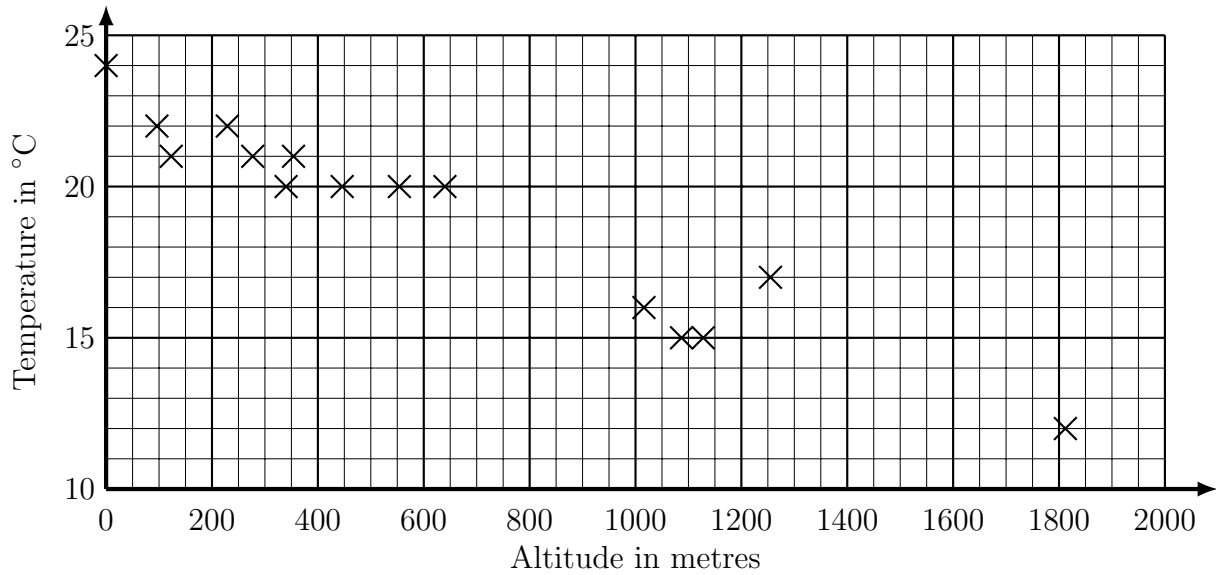
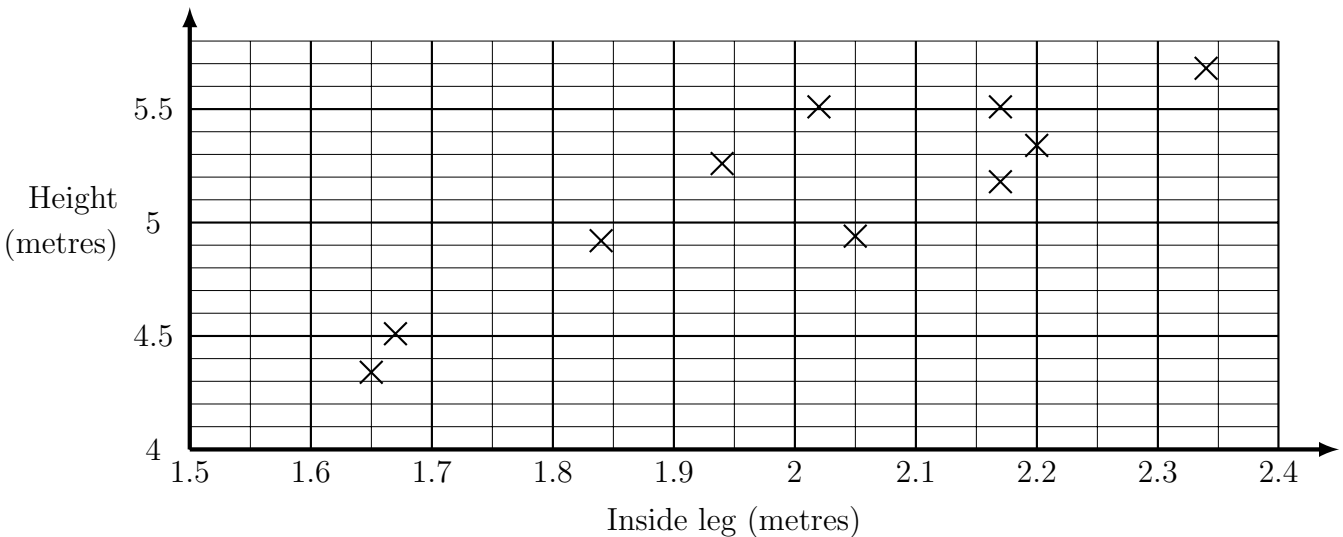


- The scatter graph shows information about the weather in some places in North Carolina. It shows the temperature, in °C, on one day and the altitudes, in metres, of the towns. Altitude is the height above sea level.



“Asheville, North Carolina, has an altitude of 650 m and a temperature today of 19°C.”

- Complete the scatter graph to show this information about Asheville.
 - What kind of correlation does the scatter graph show?
- The scatter graph shows the inside leg measurement and the height of a tower of giraffes. Tower is the group name for giraffes.



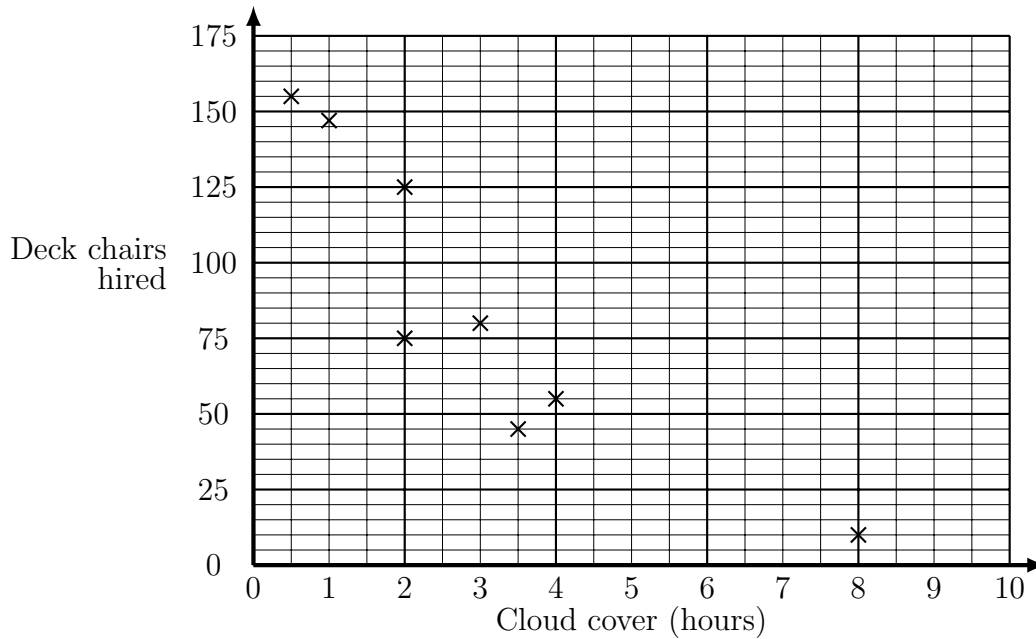
Elsa is a new giraffe to the tower.

Her inside leg measurement is 1.75 metres and her height is 4.8 metres.

- Complete the scatter graph with Elsa’s information.
- What kind of correlation does the scatter graph show?

Turn over for more questions and answers

3. The scatter graph shows some information about deck chair hire in Hyde park. The graph shows the cloud cover in hours and the number of deck chairs hired for the first 4 weekends in June 2013

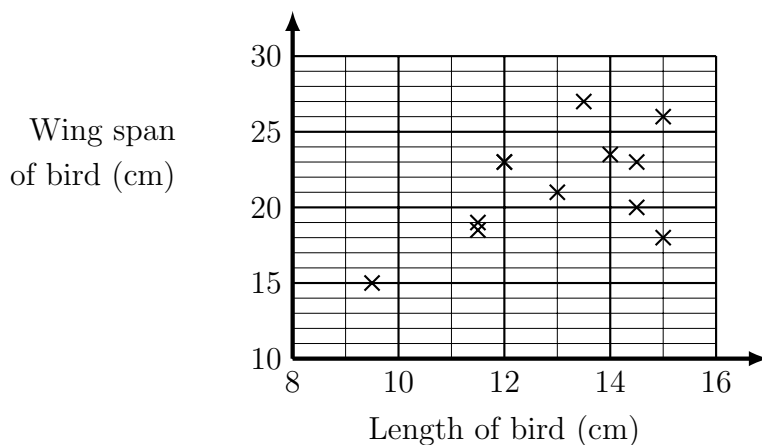


The table gives the same information for the last weekend in June 2013

Cloud cover (hours)	7	1.5
Deck chairs hired	50	155

- (a) On the scatter graph, plot the information from the table.
 (b) What kind of correlation does the scatter graph show?
4. The scatter graph shows some information about 9 garden birds.

The graph shows the length in centimetres and the wingspan in centimetres of each bird.



A bull finch, 12 cm long and with a wingspan of 26 cm also visits the garden.

- (a) Add the bull finch to the scatter graph.
 (b) What kind of correlation does the scatter graph show?

Answers 1b) negative 2b) positive 3b) negative 4b) positive