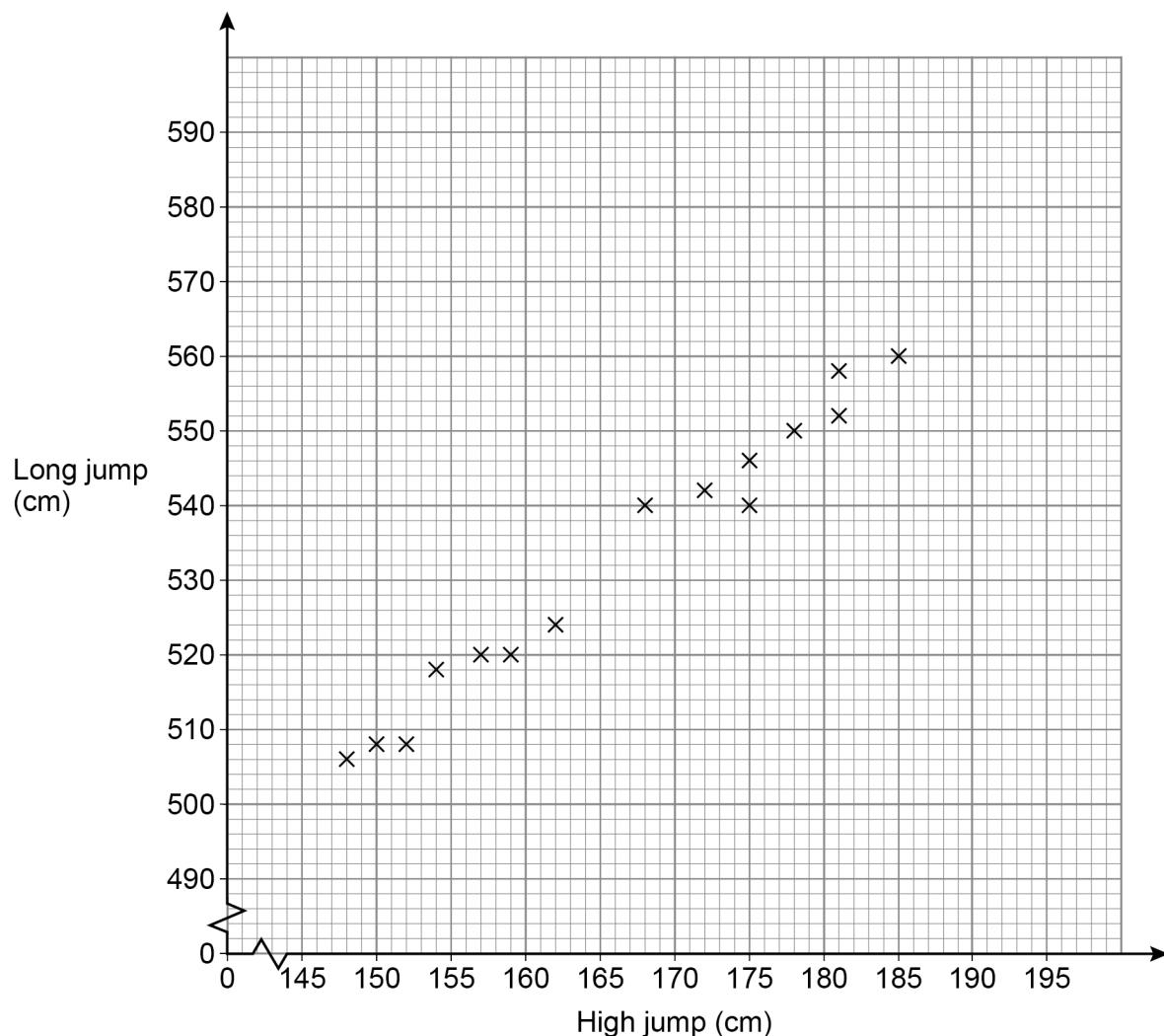


1 The scatter graph shows the best high jump and the best long jump for 15 boys.



1 (a) Write down the type of correlation shown.

[1 mark]

Answer _____

1 (b) Liam has a best high jump of 166 cm

Use a line of best fit to estimate his best long jump.

[2 marks]

Answer _____ cm

1 (c) Another boy has a best high jump of 195 cm

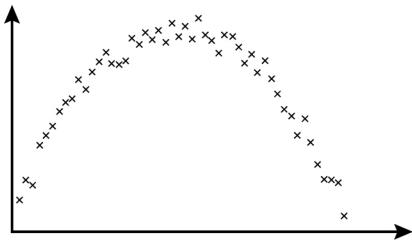
Give a reason why you should **not** use a line of best fit to estimate his best long jump.

[1 mark]

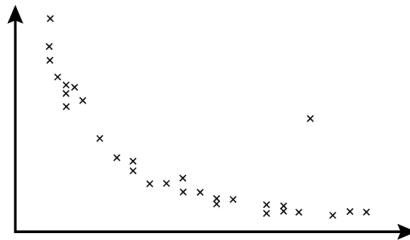
2

Here are four scatter graphs.

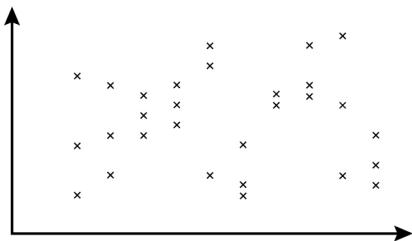
Graph A



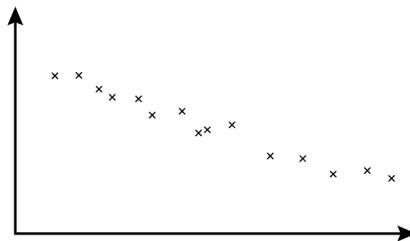
Graph B



Graph C



Graph D



2 (a) For which graph is a straight line of best fit appropriate?

Circle your answer.

[1 mark]

A

B

C

D

2 (b) Which graph has **one** outlier?

Circle your answer.

[1 mark]

A

B

C

D