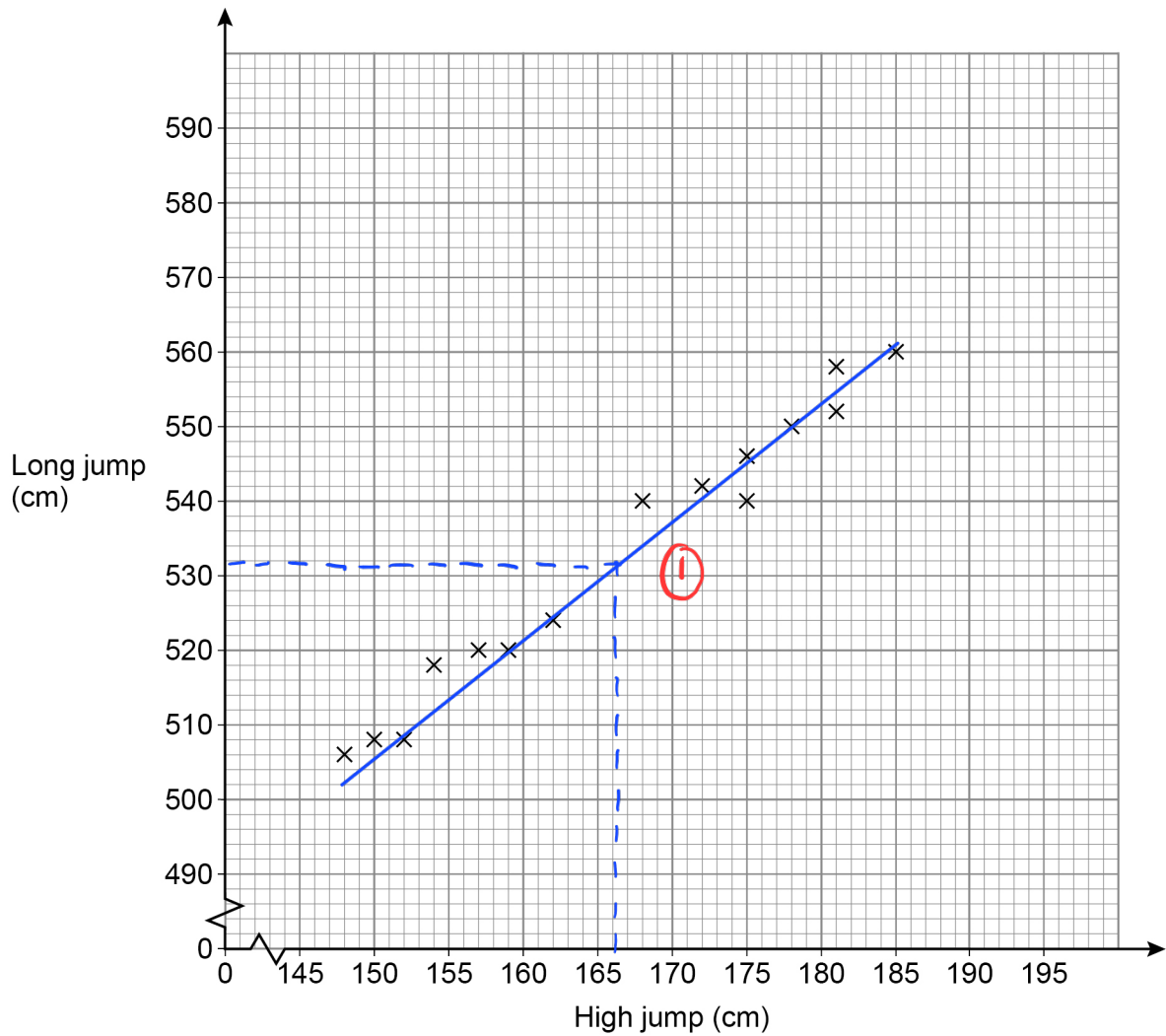**1**   The scatter graph shows the best high jump and the best long jump for 15 boys.

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

[1 mark]

Answer _____ Positive _____

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

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

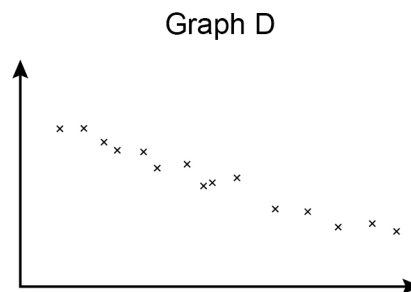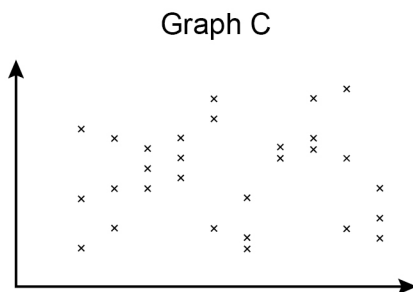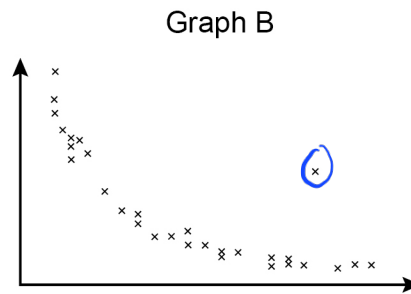**[2 marks]**
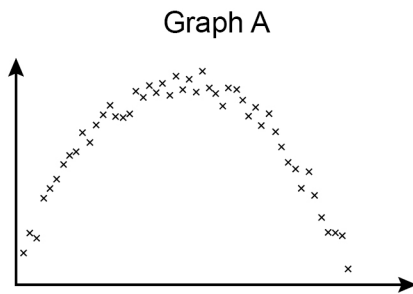
Answer ___532___ ② ___ cm

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]

195 exceeds this data ①

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