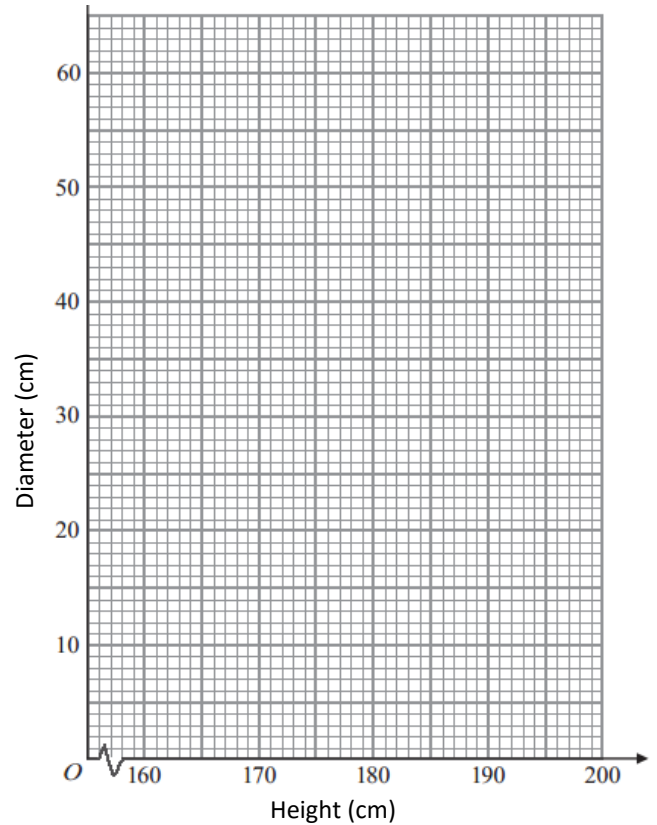


Scatter Graphs Homework

The heights and diameters of 8 trees were recorded in the table below

Height (cm)	170	193	186	165	187	162	174	178
Diameter (cm)	25	44	40	28	23	22	33	39

- a) Plot the points on the scatter graph
- b) Identify the outlier
- c) Identify the strength and type of correlation
- d) By drawing a line of best fit estimate:
 - i) The height of a tree with a diameter of 32cm
 - ii) The diameter of a tree with a height of 191cm



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