

National 5 Homework

Scatter Graphs Supplementary Question

Q1. The heights of 10 boys and their fathers are given in this table;

Height of father (cm)	167	168	169	171	172	172	174	175	176	182
Height of son (cm)	164	166	166	168	169	170	170	171	173	177

- (a) Plot the data on a scatter graph.
- (b) Draw a line of best fit on the graph.
- (c) Find the equation of the line of best fit.
- (d) Use the equation to estimate the height of a boy whose father is 1.7m tall.