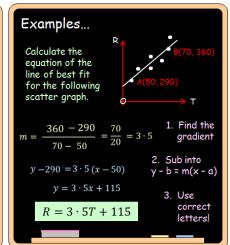
Outcome 3 - Scatter graphs

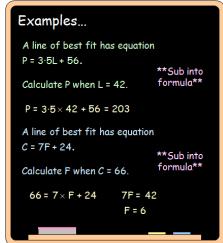
Bronze example

Examples... Calculate the equation of the line of best fit for the following scatter graph. 1. Find the 500 - 350150 gradient 50 2. Sub into y - 350 = 3(x - 10)y - b = m(x - a)y = 3x + 3203. Use correct S = 3T + 320letters!

Silver example

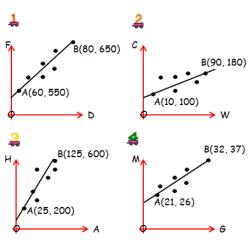


Gold example



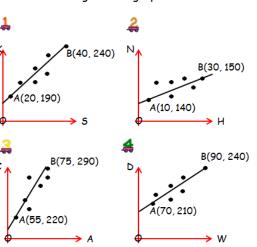
Bronze Questions

Calculate the equation of the line of best fit for the following scatter graphs...



Silver Questions

Calculate the equation of the line of best fit for the following scatter graphs...



Gold Questions



A line of best fit has equation K = 9H + 73.

Calculate K when H = 6.



A line of best fit has equation W = 4.5Q + 92.



Calculate W when Q = 22.



A line of best fit has equation R = 8M + 17.

Calculate M when R = 241.



A line of best fit has equation A = 5.5P + 41.

Calculate P when A = 107.

Bronze Answers

Silver Answers

1.
$$K = 2.5S + 140$$
 2. $N = 0.5H + 135$

3.
$$C = 3.5A + 27.5$$
 4. $D = 1.5W + 105$

Gold Answers