CHEM 0094 GRAPHING EXERCISE

The following measurements have been made:

A:	41	50	59	68	95	104
B:	5	10	15	20	35	40

(a) On millimetre graph paper, plot **A** versus **B**.

(b) Determine the slope of the line.

(c) Give the equation of the line in the form

$$Y = mX + b$$

(d) Use extrapolation/interpolation to complete the following:

A:	___	75
B:	60	___

(e) Use the equation for the straight line (from part c) to complete the following:

A:	___	-148
B:	150	___

(f) At what point will **A** = **B**?