

CHEQ 1094 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**?