



- (iv) Determine the y -intercept of the line of best fit. Include the absolute uncertainty in your answer.

y -intercept = [2]

- (d) Using your answers to (a), (c)(iii) and (c)(iv), determine the values of v and k . Include appropriate units and include the absolute uncertainties in your answers.

v =

k =

[3]

- (e) The experiment is repeated. Determine the frequency f that gives a value of d of 30.0 cm.

f = Hz [1]

[Total: 15]

