

Graphing scientific data:

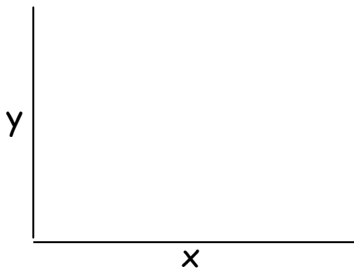
x axis - _____ variable (also called _____)

y axis - _____ variable (also called _____)

Interpreting Graphs:

_____ means "is _____ proportional to"

Direct proportion:



Graph is a _____
_____ α _____

interpolation -

(Use graph from lab report to work ex. problems.)

extrapolation -

To change a proportion into an equation, insert a _____.

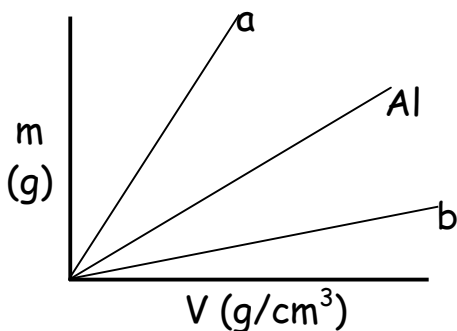
Equation form of "y α x" :

_____ = _____

k = _____ "k" is the _____ of the line. slope = _____

When mass vs. volume of an aluminum cylinder is graphed:

slope = _____ (This is the _____ of the material.)



Questions based on Graphs:

- 1.
- 2.