

Safety

- Read instructions
- Follow instructions
- Don't fool around
- No eating/smelling directly
- Take what you need (small)
- Don't point test tube @ each other
- Wear goggles & apron
- No heating corked test tubes
- Any problems, let teacher know
- Know where safety equipment is
- Lab equipment used in class stays in class
- Add acid to water slowly while stirring

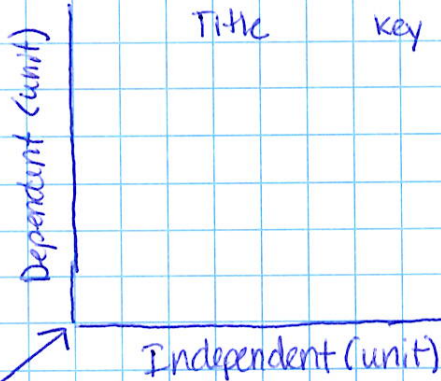
Measurements

- Kilo
Hecta
Deca
Lmg
Deci
Centi
Milli
- Base units
m = meters
l = liters
g = grams
°C = centigrade

Meniscus - curved surface measured from bottom



Graphing



Highest - Lowest = increment (roundup)
boxes

EQUAL values for each box

Extrapolate - Extend

Direct - ↑↑ ↓↓

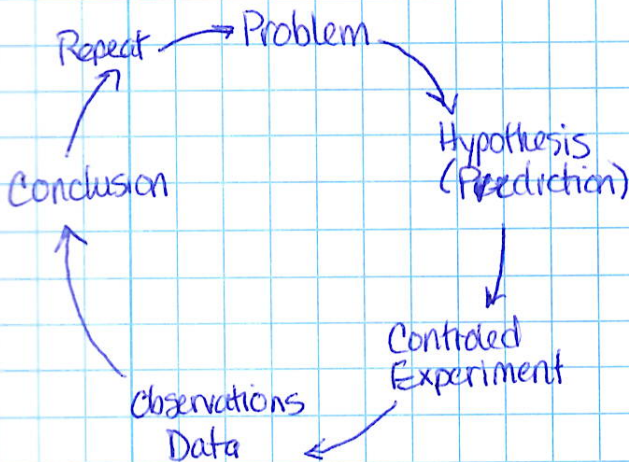
Indirect - ↑↓

Constant - ↑→

Best fit - not touching all dots

(should be lowest values not 0,0)

Scientific Method



- Variable - all possible conditions
- Independent variable - condition set by scientist
- Dependent variable - result of experiment
- Control group - Nothing new
- Experimental group - the test variable is changed
- Data measured always has a unit