

Purpose:

How would a math teacher describe our lab results from Thursday?

#1 IN GAS EXPERIMENTS
NEVER USE °C
ALWAYS USE KELVINS

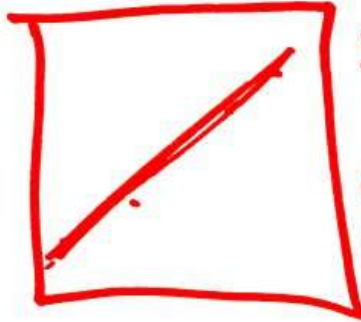
#2 WHEN KELVINS DOUBLE,
GAS PRESSURE DOUBLES,
OR
GAS VOLUME DOUBLES
BECAUSE
KINETIC ENERGY DOUBLES

#3 KINETIC ENERGY
IS THE ENERGY
FROM MOTION

(SPINNING, VIBRATING, MOVING)

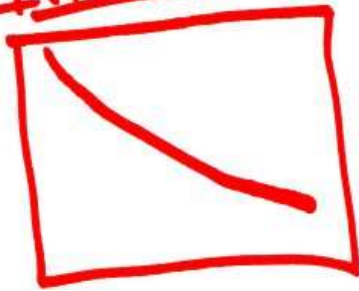
#4 LINEAR RELATIONSHIP
LOOKS LIKE

the Linear relationship
looks like this



It's also
called
a direct
relationship

Inverse relationship



looks
like
this.