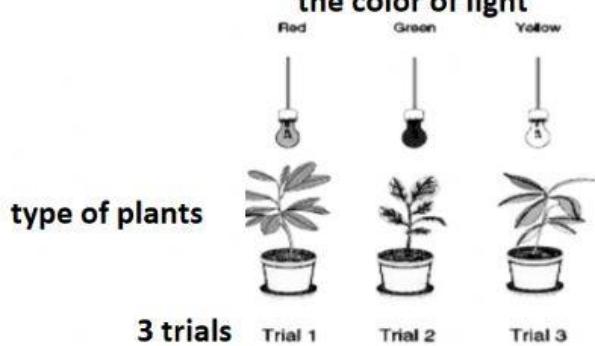


32. You set up an experiment to test the hypothesis that plants grow faster in Red light.

Identify each as: **C**- constant, **CN** – control, **IV** – Independent Variable, **DV**-Dependent Variable.

- a. _____ pot type
- b. _____ the color of light
- c. _____ the amount of water
- d. _____ the height of the plant
- e. _____ the fertilizer.



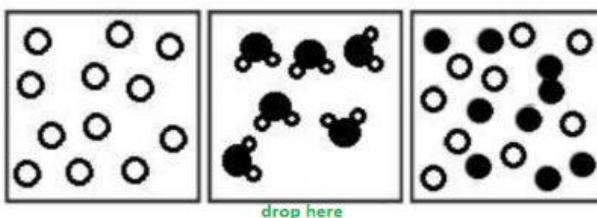
f. Look at the picture, what else should be constant? _____

33. The measure of gravity is _____

34. Look at the chart. There a relationship between height and weight. What is that relationship?

Student Height	Student Weight
5'4"	132
5'6"	145
5'7"	152
5'9"	160
5'11"	178

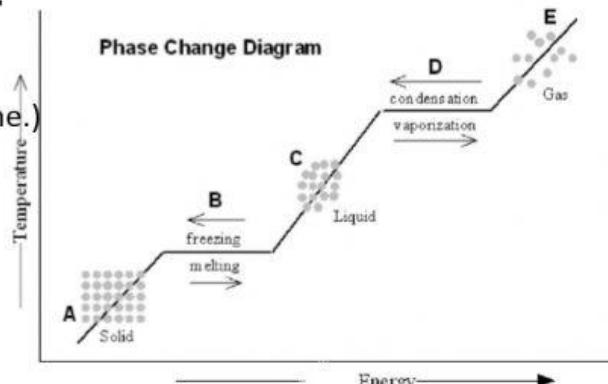
35. Label the substances represented in the diagram below as (Mixture, Compound, Element) **drag and drop**



36. Use the graph to answer the questions.

(I-increase, D-Decrease, RTS-Remains the same.)

- _____ During phase change temperature
- _____ During phase change energy
- _____ From a solid to a liquid the space between the particles.



- _____ As a liquid changes to a gas the space between the particles.