

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.

- \_\_\_\_\_ pot type
- \_\_\_\_\_ the color of light
- \_\_\_\_\_ the amount of water
- \_\_\_\_\_ the height of the plant
- \_\_\_\_\_ the fertilizer.

type of plants

3 trials



- Look at the picture, what else should be constant? \_\_\_\_\_

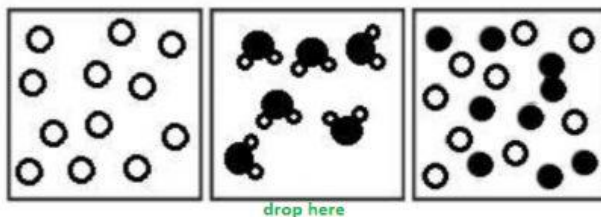
33. The measure of gravity is \_\_\_\_\_

34. Look at the chart. There is 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.

