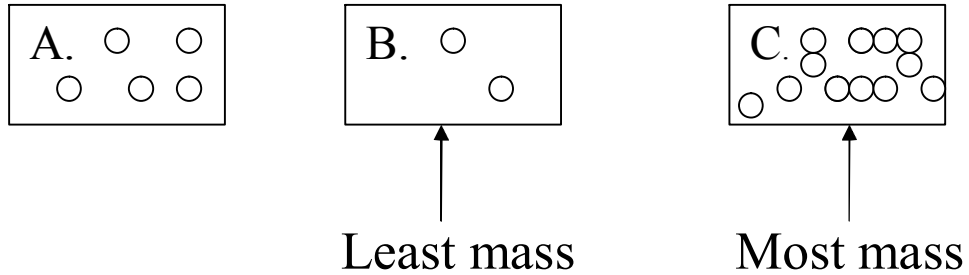
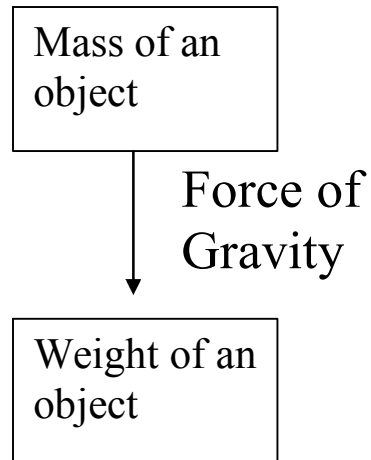


Density Vocabulary Notes – Taken in Class

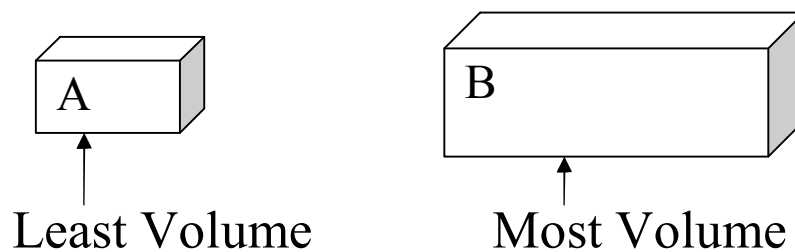
Mass: the amount of matter in an object



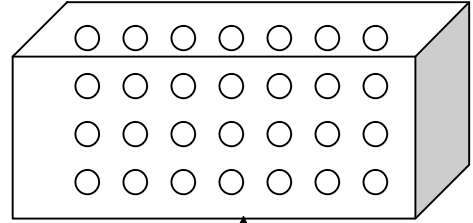
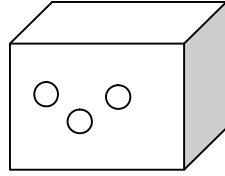
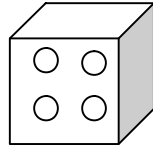
Weight: the amount of force that gravity pulls down on an object's mass



Volume: the amount of space an object takes up

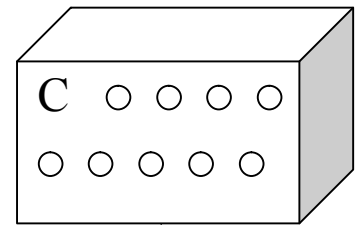
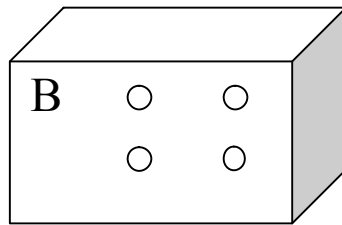
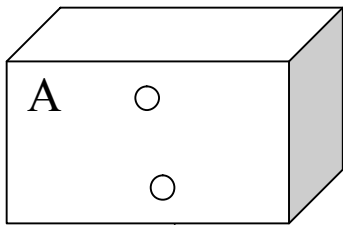


Density: how tightly packed the molecules are in a given space.



Least Dense

Most Dense



Least Dense

Most Dense

$$\text{Density} = \frac{\text{mass}}{\text{volume}}$$

or

$$D = \frac{m}{v}$$

Water's Density = 1.0 = 1 gram/1 mL

1 mL = 1 cubic centimeter

Formula: a group of symbols that make a mathematical statement

The **formula** for density is: $D = \frac{m}{v}$