1. A millimeter is 0.001 meter, this can also be expressed as _______________ meter

2. As an object heats up it will ________________ (Volume Incr.), therefore the Density will ________________.

3. Density of water at 4°C = ______g/mL, objects float  D= __________ ; objects that sink  D= __________

4. Water (________) turns to Ice (________), this is called ________________, it occurs at _______°C
   Circle the properties that will change as freezing occurs:  MASS    VOLUME    DENSITY .

5. The density of this mineral is 3.0 g/cm³
   Calculate the Mass

6. Density (Mass vs. Volume) plotted on a graph will always look like ...

   Mass
   \[ \text{Volume} \]