PLEASE SUBMIT YOUR WORK THROUGH GOOGLE CLASSROOM

1. **NEXT SUNDAY, December 20, we will play a TRIVIA GAME based on what we have learned so far. Please study really hard for it!!! You need to review Lectures ##1-11.**

2. The size of an atom is about ~10^{-10}m. The size of an atomic nucleus is ~10^{-14}m. **What part (<u>by volume</u>) of an atom does its nucleus take?**

3. **Match the words from the *word bank* to complete the sentences:**

   a. The nucleus of an atom contains positively charged _____ .

   b. An atom consists of positively charged nuclei and negatively charged _____ .

   c. The nucleus of an atom contains particles with no charge called _____ .

   d. _____ is the center-most part of an atom where the protons and neutrons are found.

   e. The smallest building block of matter is _____ .

Atom   *Neutrons*   *Nucleus*   *Protons*   *Electrons*