1. **List of Terms:**
   a. Alpha Decay
   b. Alpha Particle
   c. Beta Decay
   d. Beta Particle
   e. Gamma radiation
   f. Fission
   g. Fusion
   h. Binding energy (internet)
   i. Mass defect (internet)

2. Write the 2 rules that you must follow when balancing a nuclear equation.

3. Summarize how the atomic number and atomic mass changes with each type of radiation.

4. Complete practice problems #29-39

5. Complete section review #2-5