Physics 432 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Quick Review Period \_\_\_\_\_\_\_

1. 

2.  undergoes BETA decay. Write the chemical equation below.

3. In the reaction below, what particle is represented by *X*?



 a. alpha b. beta c. gamma d. neutron e. none of these

4. Diagram how a chain reaction works.

5. Explain the steps that you take to determine the amount of energy that is created during fission or

fusion.

6. Diagram the energy levels of Boron until n=3. How much energy is absorbed in a transition n=2 to n=3?