**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Nuclear Reaction Worksheet**

Reaction                                                                                Decay Type

1. http://facweb.stvincent.edu/l2l/tmcnulty/Image17.gif                                                        \_\_\_\_Beta\_\_\_
2.                                                   \_\_\_\_\_Alpha\_\_\_\_\_\_\_
3. http://facweb.stvincent.edu/l2l/tmcnulty/Image19.gif                                                     \_\_\_\_\_\_Beta\_\_\_\_\_\_\_
4. http://facweb.stvincent.edu/l2l/tmcnulty/Image20.gif                                                     \_\_\_Positron emission\_
5. http://facweb.stvincent.edu/l2l/tmcnulty/Image21.gif                                                                  \_\_\_ Positron emission \_
6. http://facweb.stvincent.edu/l2l/tmcnulty/Image22.gif                                                       \_\_\_\_Gamma\_\_\_\_\_
7. http://facweb.stvincent.edu/l2l/tmcnulty/Image23.gif                       \_\_\_\_Fission\_\_\_\_\_
8. http://facweb.stvincent.edu/l2l/tmcnulty/Image24.gif                                                  \_\_\_\_\_Alpha\_\_\_\_\_
9. http://facweb.stvincent.edu/l2l/tmcnulty/Image25.gif                                                        \_\_\_\_\_\_Beta\_\_\_\_\_
10. http://facweb.stvincent.edu/l2l/tmcnulty/Image26.gif                                                  Fusion/Positron emission
11. http://facweb.stvincent.edu/l2l/tmcnulty/Image27.gif                                                   \_\_\_\_Alpha\_\_\_\_\_
12. http://facweb.stvincent.edu/l2l/tmcnulty/Image28.gif                                                           \_Positron emision\_