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

**Nuclear Reaction Worksheet**

Reaction                                                                                Decay Type

1.                                                         \_\_\_\_Beta\_\_\_
2.                                                   \_\_\_\_\_Alpha\_\_\_\_\_\_\_
3.                                                      \_\_\_\_\_\_Beta\_\_\_\_\_\_\_
4.                                                      \_\_\_Positron emission\_
5.                                                                   \_\_\_ Positron emission \_
6.                                                        \_\_\_\_Gamma\_\_\_\_\_
7.                        \_\_\_\_Fission\_\_\_\_\_
8.                                                   \_\_\_\_\_Alpha\_\_\_\_\_
9.                                                         \_\_\_\_\_\_Beta\_\_\_\_\_
10.                                                   Fusion/Positron emission
11.                                                    \_\_\_\_Alpha\_\_\_\_\_
12.                                                            \_Positron emision\_