

## Answers to Nuclear Reactions Worksheet:

(Excuse the strange typing... I hope you can decipher the answers.)

1. alpha particle,  ${}_2\text{He}^4$

2. beta particle,  ${}_{-1}\text{e}^0$

3.  ${}_{89}\text{Ac}^{230}$

4.  ${}_{84}\text{Po}^{216}$

5.  ${}_{85}\text{At}^{216}$

6.  ${}_{82}\text{Pb}^{212}$

7.  ${}_{84}\text{Po}^{210}$

8.  ${}_3\text{Li}^7$