

4.4 NUCLEAR CHEMISTRY

Name Key Hour _____

Match the following:

1. C Alpha Particle

A. ${}_{-1}^0e$

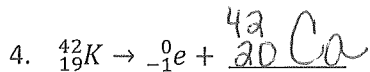
2. A Beta Particle

B. ${}^0_0\gamma$

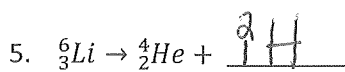
3. B Gama Particle

C. 4_2He

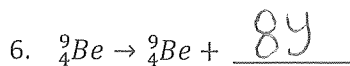
For the following reactions, fill in the missing information and name the type of decay.



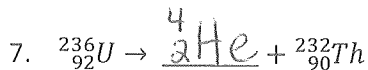
beta



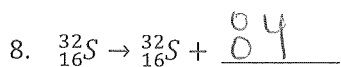
alpha



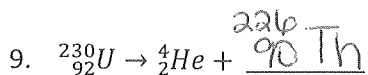
gamma



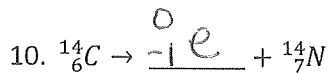
alpha



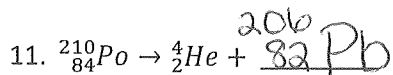
gamma



alpha



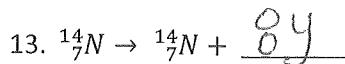
beta



alpha



beta



gamma