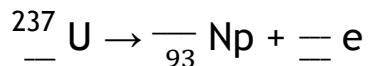
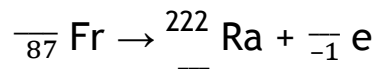
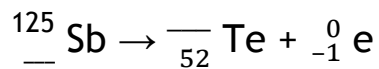
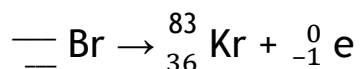
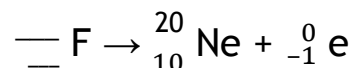
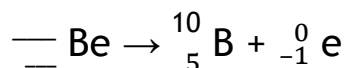
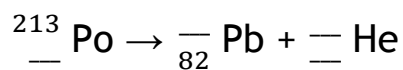
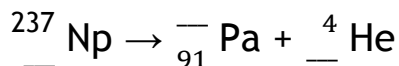
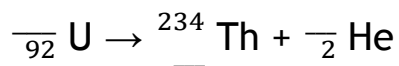
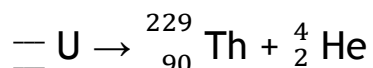
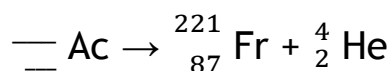
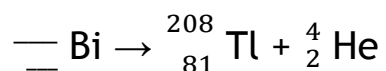
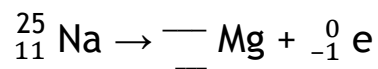
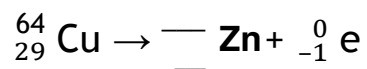
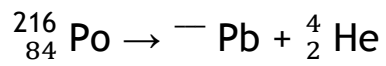
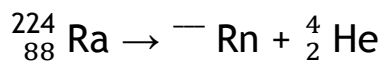
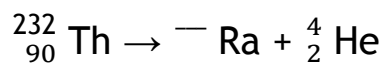


Complete the following equations.



4.  ${}_{88}^{222}\text{Ra}$  into  $\text{Rn}$  by alpha decay.

5.  ${}_{79}^{199}\text{Au}$  into  $\text{Hg}$  by beta decay.

6.  ${}_{83}^{215}\text{Bi}$  into  $\text{Po}$  by beta decay, which then, in turn, alpha decays into  $\text{Pb}$