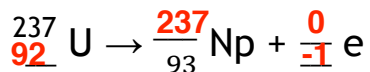
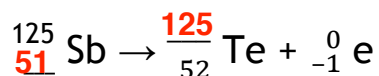
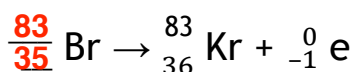
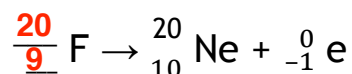
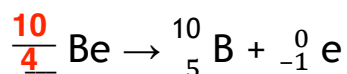
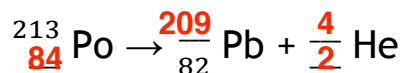
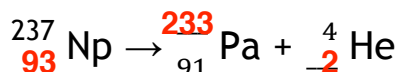
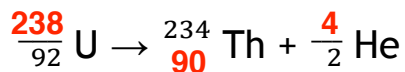
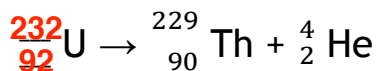
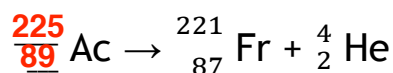
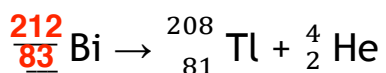
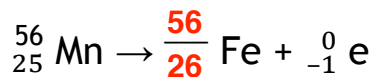
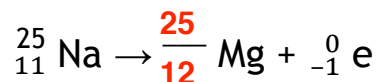
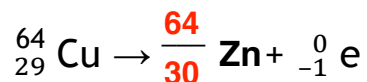
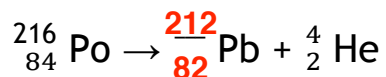


Complete the following equations.



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

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

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