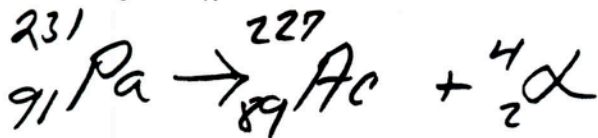


Key

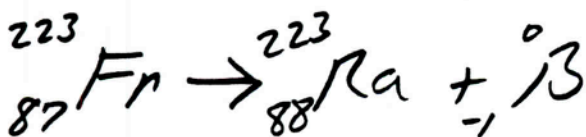
Section 21.2 (pages 645 - 647)

Complete the following assignment in your class notebook with the heading: WS Nuclear Decay Equations

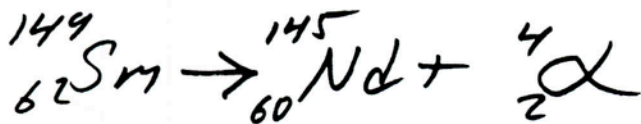
1. Write a nuclear equation for the alpha decay of ${}_{91}^{231}\text{Pa}$.



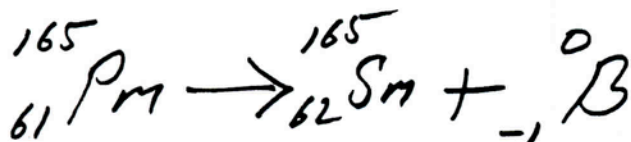
2. Write a nuclear equation for the beta decay of ${}_{87}^{223}\text{Fr}$.



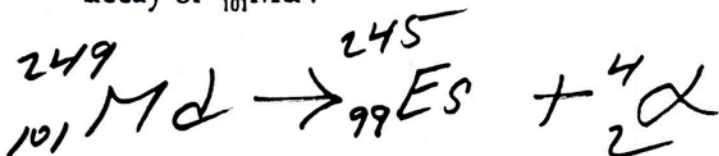
3. Write a nuclear equation for the alpha decay of ${}_{62}^{149}\text{Sm}$.



4. Write a nuclear equation for the beta decay of ${}_{61}^{165}\text{Pm}$.



5. Write a nuclear equation for the alpha decay of ${}_{101}^{249}\text{Md}$.



6. Write a nuclear equation for the alpha decay of ${}_{62}^{146}\text{Sm}$.

7. Write a nuclear equation for the beta decay of ${}_{85}^{198}\text{At}$.

8. Write a nuclear equation for the alpha decay of ${}_{64}^{150}\text{Gd}$.

9. Write a nuclear equation for the beta decay of ${}_{54}^{152}\text{Xe}$.

10. Write a nuclear equation for the beta decay of ${}_{55}^{120}\text{Cs}$.