

Section 21.2 (pages 645 - 647)

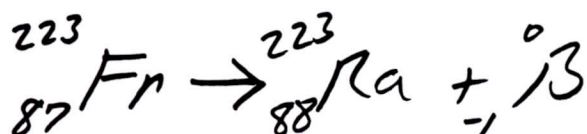
Key

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

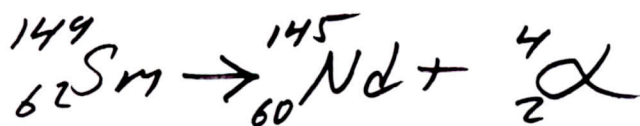
1. Write a nuclear equation for the alpha decay of  ${}_{91}^{231}\text{Pa}$ .



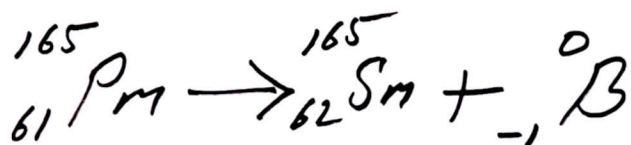
2. Write a nuclear equation for the beta decay of  ${}_{87}^{223}\text{Fr}$ .



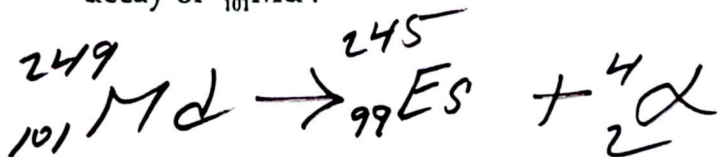
3. Write a nuclear equation for the alpha decay of  ${}_{62}^{149}\text{Sm}$ .



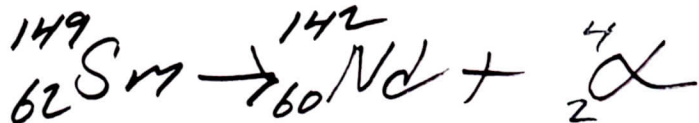
4. Write a nuclear equation for the beta decay of  ${}_{61}^{165}\text{Pm}$ .



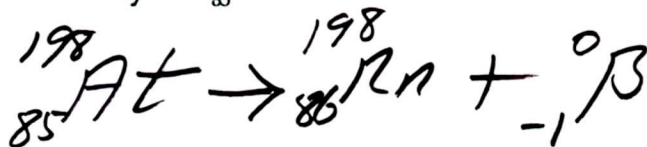
5. Write a nuclear equation for the alpha decay of  ${}_{101}^{249}\text{Md}$ .



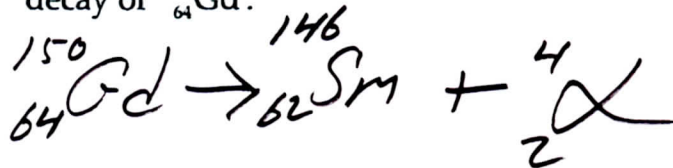
6. Write a nuclear equation for the alpha decay of  ${}_{62}^{146}\text{Sm}$ .



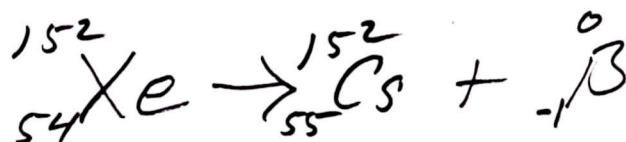
7. Write a nuclear equation for the beta decay of  ${}_{85}^{198}\text{At}$ .



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  ${}_{55}^{120}\text{Cs}$ .

