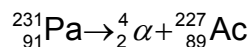
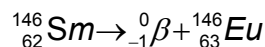


Alpha & Beta Decay

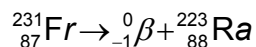
1. Write a nuclear equation for the alpha decay of ${}_{91}^{231}\text{Pa}$.



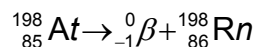
6. Write a nuclear equation for the beta decay of ${}_{62}^{146}\text{Sm}$.



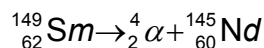
2. Write a nuclear equation for the beta decay of ${}_{87}^{223}\text{Fr}$.



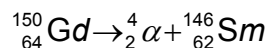
7. Write a nuclear equation for the beta decay of ${}_{85}^{198}\text{At}$.



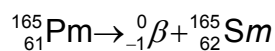
3. Write a nuclear equation for the alpha decay of ${}_{62}^{149}\text{Sm}$.



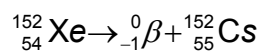
8. Write a nuclear equation for the alpha decay of ${}_{64}^{150}\text{Gd}$.



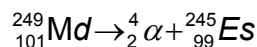
4. Write a nuclear equation for the beta decay of ${}_{61}^{165}\text{Pm}$.



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



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



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

