

Name _____

Period _____

NUCLEAR EQUATIONS WORKSHEET

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