

Keys to Practice p. 64-67

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1) #-ing is off a bit, oh well!
☺

2) Loses pieces to become more stable

3) From notes!

4) Gamma 12) $^{210}_{81}\text{Tl}$, alpha

5) Alpha

6) Beta

7) Beta

8) Gamma

9) $^{4}_{2}\text{He}$, alpha

10) $^{0}_{-1}\text{e}$, beta

11) $^{4}_{2}\text{He}$, alpha

13) $^{212}_{84}\text{Po}$, beta

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1) $^{4}_{2}\text{He}$, alpha

2) $^{0}_{-1}\text{e}$, beta

3) $^{230}_{89}\text{Ac}$

4) $^{216}_{84}\text{Po}$

5) $^{216}_{85}\text{At}$

6) $^{0}_{-1}\text{e}$, $^{210}_{84}\text{Po}$

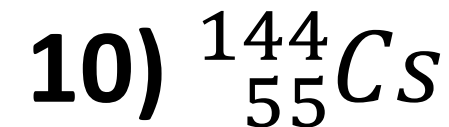
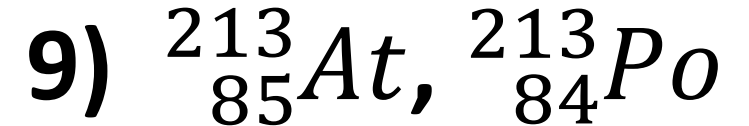
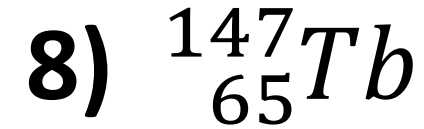
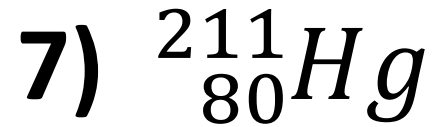
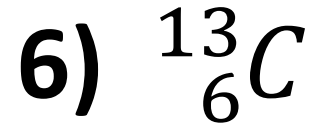
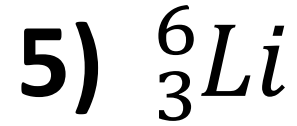
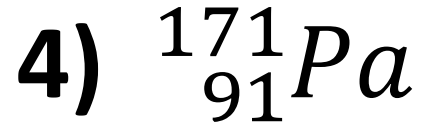
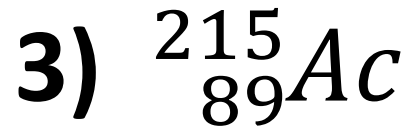
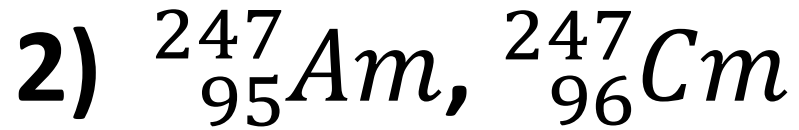
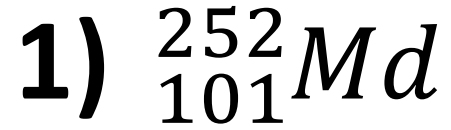
7) Np turns into Pa but still isn't stable.

Keeps under going decays until it is

more stable. It is a "chain decay" or a "series decay" or a "decay series"

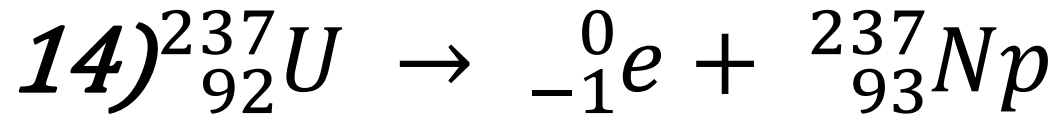
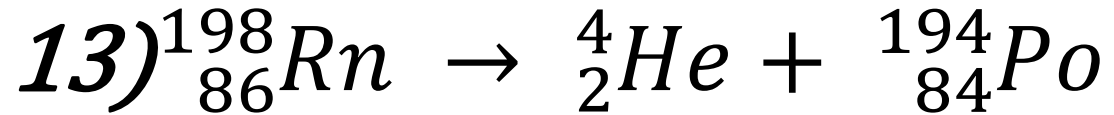
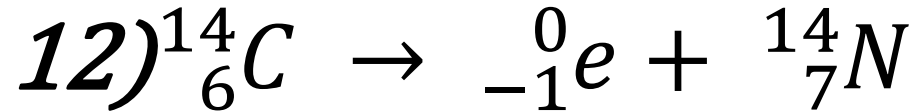
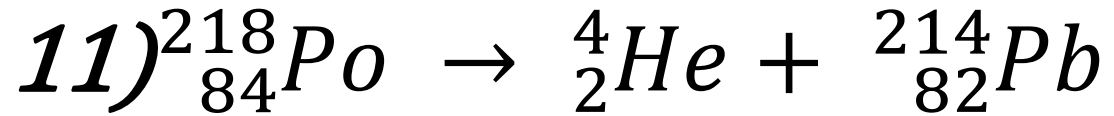
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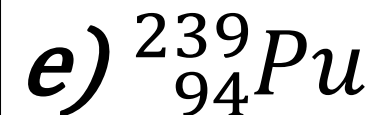
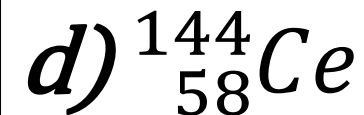
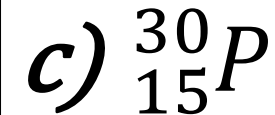
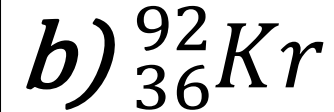
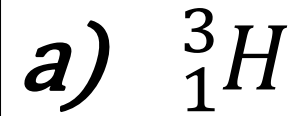


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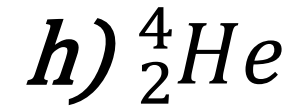
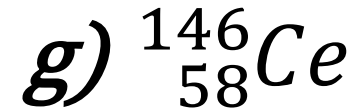
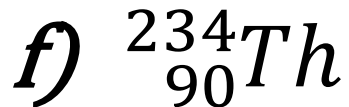
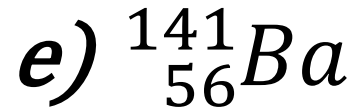
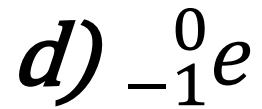
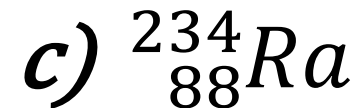
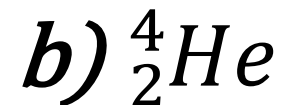
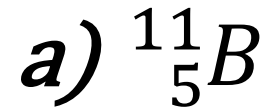
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1) *Two. Proton & neutron*

2) *because electrons are so small we dont count them*

3) *skip*

4)



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