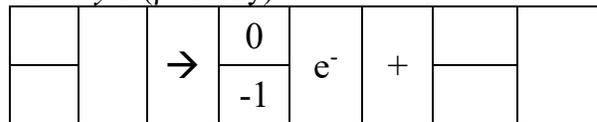
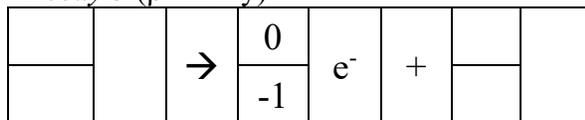
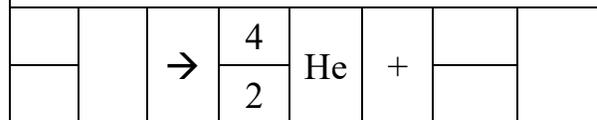


Answer the following questions based on the in class notes

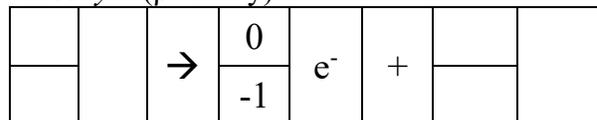
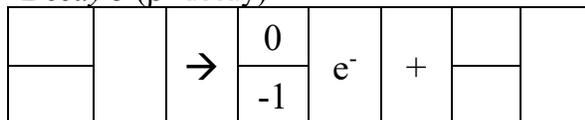
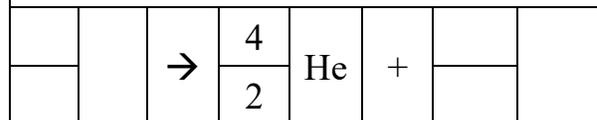
What is a nuclear decay chain?	What is the end product of any nuclear decay chain?

Complete the following nuclear decay chain

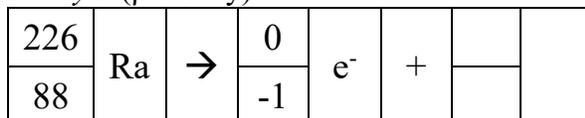
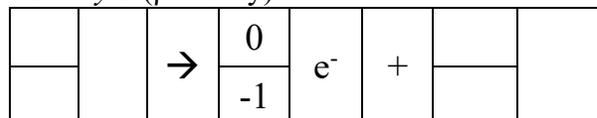
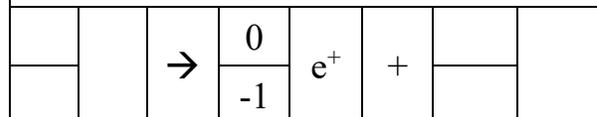
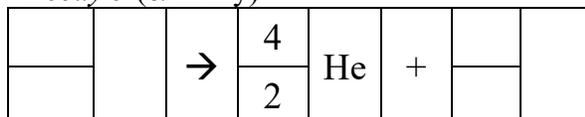
Thorium-232 Decay Chain

Decay 1 (α decay)Decay 2 (β^- decay)Decay 3 (β^- decay)Decay 4 (α decay)

Polonium-216 Decay Chain

Decay 1 (α decay)Decay 2 (β^- decay)Decay 3 (β^- decay)Decay 4 (α decay)

Radon-226 Decay Chain

Decay 1 (β^- decay)Decay 2 (β^- decay)Decay 3 (α decay)Decay 4 (β^+ decay)Decay 5 (α decay)Decay 6 (α decay)