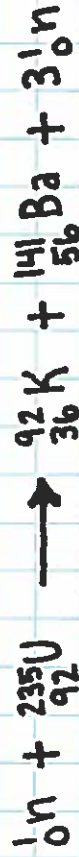
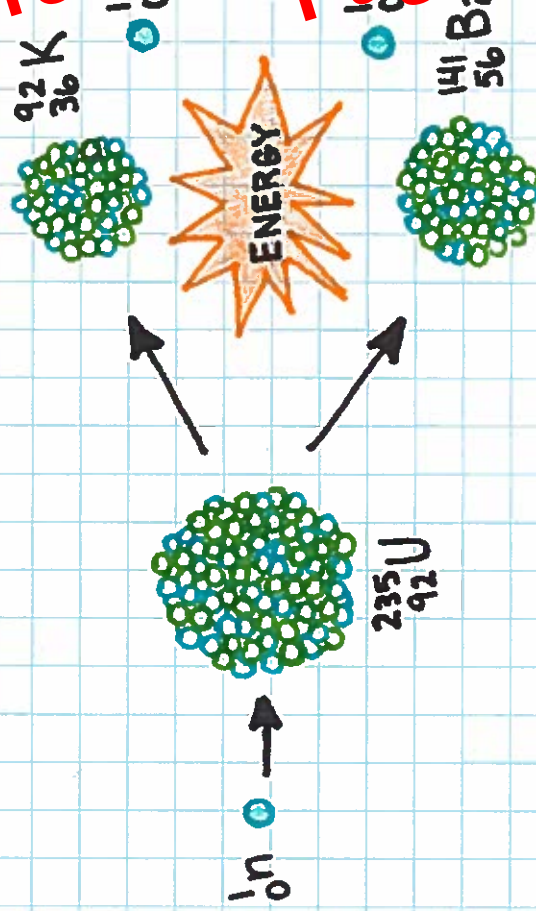


Unstable nuclei in nature can quickly become more stable by either:

separating into smaller fragments

emitting ionized (charged) particles

Nuclear Fission



This process can be controlled and used to generate **NUCLEAR ENERGY**

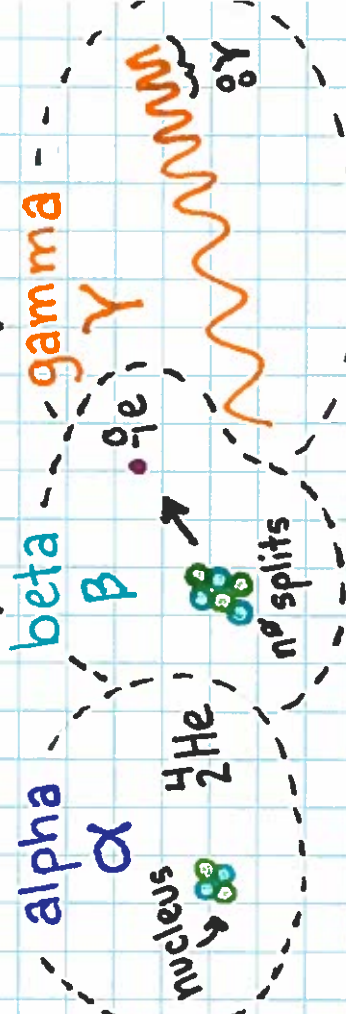
Extra neutrons get absorbed



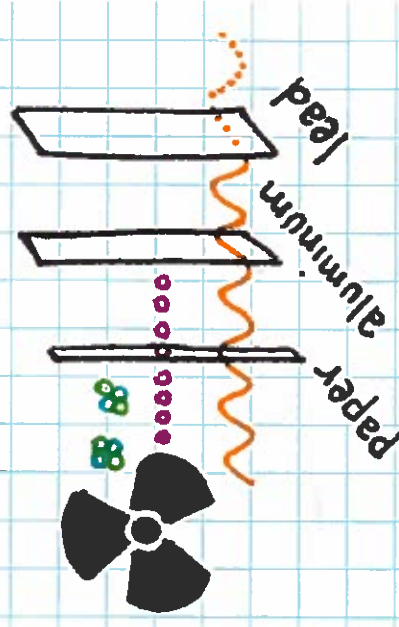
The released neutrons can then go on to create a **CHAIN REACTION** with other unstable nuclei.

-OR-

Radiation



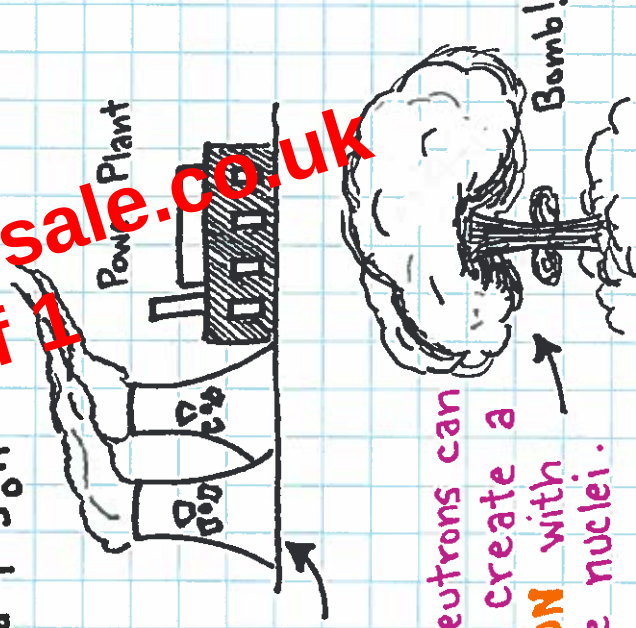
3 Types of Radiation



alpha α : $\uparrow$ mass; penetrating least

beta β : in the middle

gamma γ : no mass; most penetrating



Preview from Notesale.co.uk
Page 1 of 1