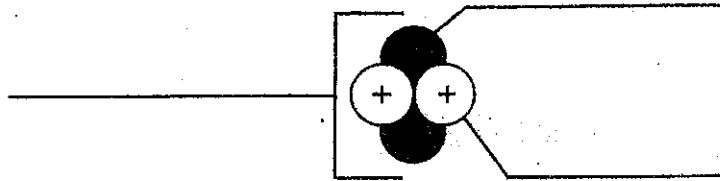


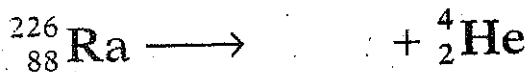
1. Label the diagram shown below.



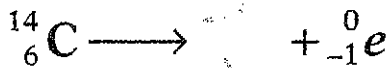
2. Complete the table to indicate how many protons and neutrons are in the nuclei of the following atoms:

Atom	Number of protons	Number of neutrons
${}_{15}^{32}\text{P}$		
${}_{27}^{60}\text{Co}$		
${}_{7}^{14}\text{N}$		
${}_{11}^{23}\text{Na}$		
${}_{16}^{32}\text{S}$		
${}_{84}^{210}\text{Po}$		

Example of Alpha Decay.



Example of Beta Decay



Example of Neutron Emission

