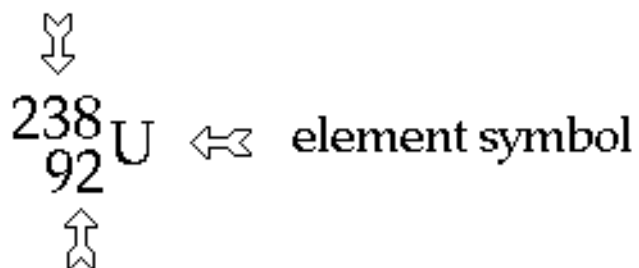


## The Nuclear Symbol

mass number (signified by A)



atomic number (signified by Z)

atomic number = # of protons in the nucleus

mass number = # of protons and neutrons in the nucleus

$A - Z = N$  (the number of neutrons in the nucleus)