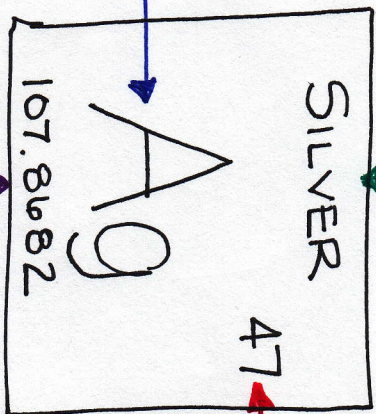


ELEMENT  
SYMBOL  
(Always capital  
letter 1st then  
lowercase)



NAME OF  
ELEMENT

Atomic Number

tells us the  
number of  $p^+$

⊗ NEUTRAL ATOM:  
 $p^+ = e^-$

MASS NUMBER

(ATOMIC MASS/ATOMIC WEIGHT)

↳ MASS OF NUCLEUS

$$(p^+ + n^0 = M.N)$$

$$M.N = A.N + n^0$$

$$n^0 = M.N - A.N$$

How to tell the  
Difference BETWEEN

MASS # & ATOMIC #

① ATOMIC # IS ALWAYS  
smaller than the mass #.

② ATOMIC # IS ALWAYS a  
whole #; Mass # IS  
USUALLY A DECIMAL.

③ PERIODIC TABLE IS  
ORGANIZED ACCORDING  
TO ATOMIC #.