

### Periodic Table Basics

**Learning Target:** I can use the periodic table to find the atomic weight, atomic number, number of protons and number of electrons in an element.

Using a Periodic Table, fill in the following information in the table. *round to nearest whole #*

Atomic Mass - # of protons

Name of Element:	Symbol	Atomic #	# of protons	# of electrons	Atomic Mass	State of Matter	Metal or Non-metal?	# of neutrons
Tin	Sn	50	50	50	118.710	Solid	Metal	119 - 50 = 69
Gold								
Magnesium								
Copper								
Zirconium								
Zinc								
Krypton								
Arsenic								
Cobalt								
Boron								
Bromine								
Iodine								
Silver								

$$\underline{\text{Atomic Mass}} = (\# \text{ of Protons}) + (\# \text{ of neutrons})$$

or

$$\text{Atomic Mass} - (\# \text{ of Protons}) = \underline{\# \text{ of neutrons}}$$