

**The Atoms Family**  
**Atomic Math Challenge**

Name \_\_\_\_\_

8
O
Oxygen
15.999

← \_\_\_\_\_

← \_\_\_\_\_

← \_\_\_\_\_

← \_\_\_\_\_

**Atomic number** equals  
the number of

\_\_\_\_\_ **or** \_\_\_\_\_

**Atomic mass** equals  
the number of

\_\_\_\_\_ + \_\_\_\_\_

8
O
_____
15.999

Atomic # = \_\_\_\_\_

Atomic Mass = \_\_\_\_\_

# of Protons = \_\_\_\_\_

# of Neutrons = \_\_\_\_\_

# of Electrons = \_\_\_\_\_

30
_____
Zinc
65.39

Atomic # = \_\_\_\_\_

Atomic Mass = \_\_\_\_\_

# of Protons = \_\_\_\_\_

# of Neutrons = \_\_\_\_\_

# of Electrons = \_\_\_\_\_

3
Li
_____
6.941

Atomic # = \_\_\_\_\_

Atomic Mass = \_\_\_\_\_

# of Protons = \_\_\_\_\_

# of Neutrons = \_\_\_\_\_

# of Electrons = \_\_\_\_\_

14
_____
Silicon
28.086

Atomic # = \_\_\_\_\_

Atomic Mass = \_\_\_\_\_

# of Protons = \_\_\_\_\_

# of Neutrons = \_\_\_\_\_

# of Electrons = \_\_\_\_\_

5
B
_____
10.81

Atomic # = \_\_\_\_\_

Atomic Mass = \_\_\_\_\_

# of Protons = \_\_\_\_\_

# of Neutrons = \_\_\_\_\_

# of Electrons = \_\_\_\_\_

35
_____
Bromine
79.904

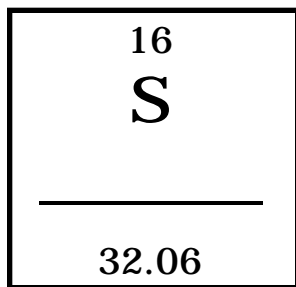
Atomic # = \_\_\_\_\_

Atomic Mass = \_\_\_\_\_

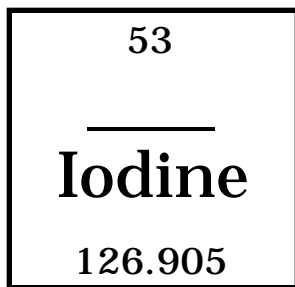
# of Protons = \_\_\_\_\_

# of Neutrons = \_\_\_\_\_

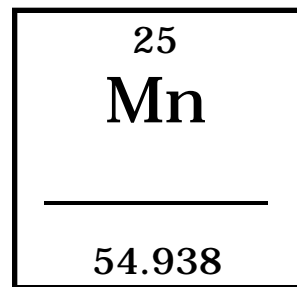
# of Electrons = \_\_\_\_\_



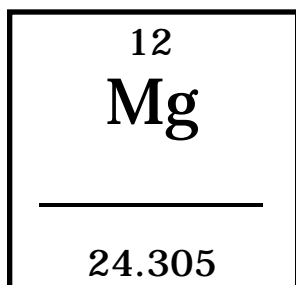
Atomic # = \_\_\_\_\_  
 Atomic Mass = \_\_\_\_\_  
 # of Protons = \_\_\_\_\_  
 # of Neutrons = \_\_\_\_\_  
 # of Electrons = \_\_\_\_\_



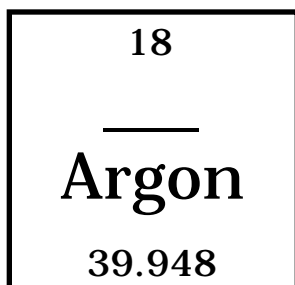
Atomic # = \_\_\_\_\_  
 Atomic Mass = \_\_\_\_\_  
 # of Protons = \_\_\_\_\_  
 # of Neutrons = \_\_\_\_\_  
 # of Electrons = \_\_\_\_\_



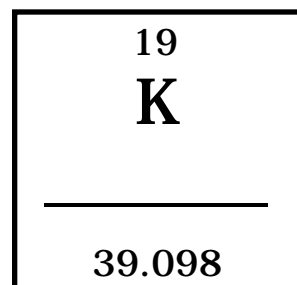
Atomic # = \_\_\_\_\_  
 Atomic Mass = \_\_\_\_\_  
 # of Protons = \_\_\_\_\_  
 # of Neutrons = \_\_\_\_\_  
 # of Electrons = \_\_\_\_\_



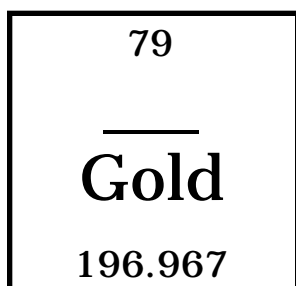
Atomic # = \_\_\_\_\_  
 Atomic Mass = \_\_\_\_\_  
 # of Protons = \_\_\_\_\_  
 # of Neutrons = \_\_\_\_\_  
 # of Electrons = \_\_\_\_\_



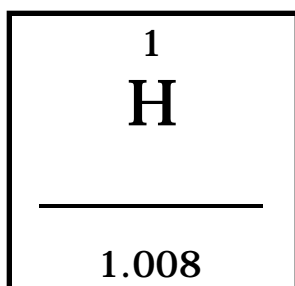
Atomic # = \_\_\_\_\_  
 Atomic Mass = \_\_\_\_\_  
 # of Protons = \_\_\_\_\_  
 # of Neutrons = \_\_\_\_\_  
 # of Electrons = \_\_\_\_\_



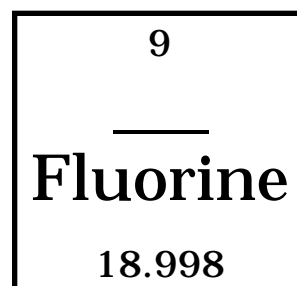
Atomic # = \_\_\_\_\_  
 Atomic Mass = \_\_\_\_\_  
 # of Protons = \_\_\_\_\_  
 # of Neutrons = \_\_\_\_\_  
 # of Electrons = \_\_\_\_\_



Atomic # = \_\_\_\_\_  
 Atomic Mass = \_\_\_\_\_  
 # of Protons = \_\_\_\_\_  
 # of Neutrons = \_\_\_\_\_  
 # of Electrons = \_\_\_\_\_



Atomic # = \_\_\_\_\_  
 Atomic Mass = \_\_\_\_\_  
 # of Protons = \_\_\_\_\_  
 # of Neutrons = \_\_\_\_\_  
 # of Electrons = \_\_\_\_\_



Atomic # = \_\_\_\_\_  
 Atomic Mass = \_\_\_\_\_  
 # of Protons = \_\_\_\_\_  
 # of Neutrons = \_\_\_\_\_  
 # of Electrons = \_\_\_\_\_