

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

Name \_\_\_\_\_

<p>8</p> <p>O</p> <p>Oxygen</p> <p>15.999</p>	←	_____
	←	_____
	←	_____
	←	_____

**Atomic number** equals  
the number of

or

**Atomic mass** equals  
the number of

+

<p>8</p> <p>O</p> <p>_____</p> <p>15.999</p>
--

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

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

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

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

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

<p>30</p> <p>_____</p> <p>Zinc</p> <p>65.39</p>
---

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

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

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

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

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

<p>3</p> <p>Li</p> <p>_____</p> <p>6.941</p>
--

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

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

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

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

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

<p>14</p> <p>_____</p> <p>Silicon</p> <p>28.086</p>
---

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

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

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

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

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

<p>5</p> <p>B</p> <p>_____</p> <p>10.81</p>
---

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

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

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

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

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

<p>35</p> <p>_____</p> <p>Bromine</p> <p>79.904</p>
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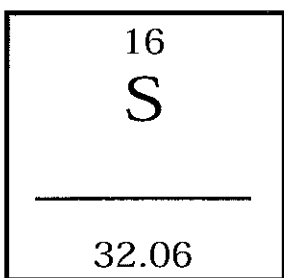
Atomic # = \_\_\_\_\_

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

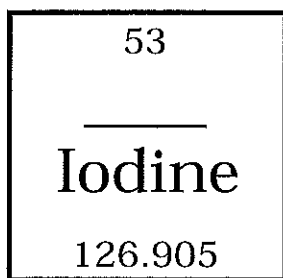
# of Protons = \_\_\_\_\_

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

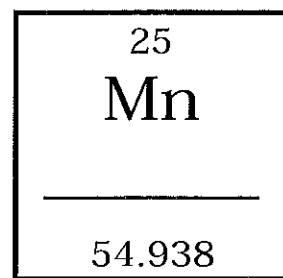
# of Electrons = \_\_\_\_\_



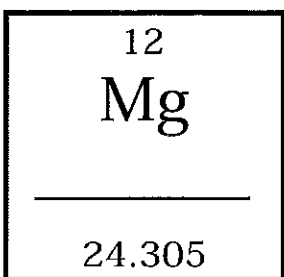
Atomic # = \_\_\_\_\_  
 Atomic Mass = \_\_\_\_\_  
 # of Protons = \_\_\_\_\_  
 # of Neutrons = \_\_\_\_\_  
 # of Electrons = \_\_\_\_\_



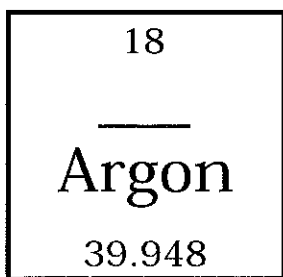
Atomic # = \_\_\_\_\_  
 Atomic Mass = \_\_\_\_\_  
 # of Protons = \_\_\_\_\_  
 # of Neutrons = \_\_\_\_\_  
 # of Electrons = \_\_\_\_\_



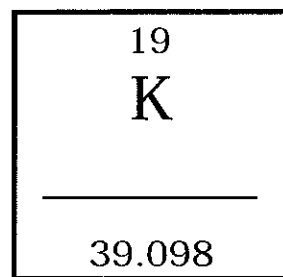
Atomic # = \_\_\_\_\_  
 Atomic Mass = \_\_\_\_\_  
 # of Protons = \_\_\_\_\_  
 # of Neutrons = \_\_\_\_\_  
 # of Electrons = \_\_\_\_\_



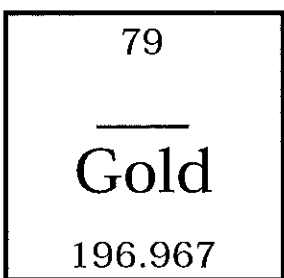
Atomic # = \_\_\_\_\_  
 Atomic Mass = \_\_\_\_\_  
 # of Protons = \_\_\_\_\_  
 # of Neutrons = \_\_\_\_\_  
 # of Electrons = \_\_\_\_\_



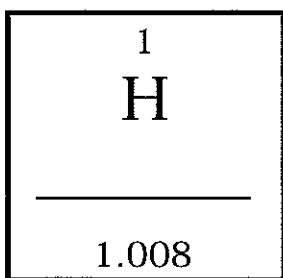
Atomic # = \_\_\_\_\_  
 Atomic Mass = \_\_\_\_\_  
 # of Protons = \_\_\_\_\_  
 # of Neutrons = \_\_\_\_\_  
 # of Electrons = \_\_\_\_\_



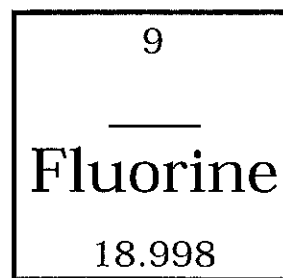
Atomic # = \_\_\_\_\_  
 Atomic Mass = \_\_\_\_\_  
 # of Protons = \_\_\_\_\_  
 # of Neutrons = \_\_\_\_\_  
 # of Electrons = \_\_\_\_\_



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 = \_\_\_\_\_