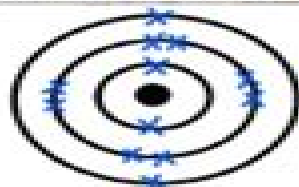
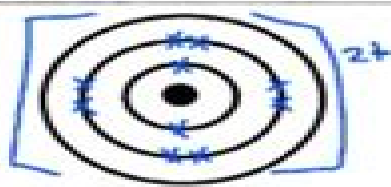


Name: Toni Vidal



Magnesium atom



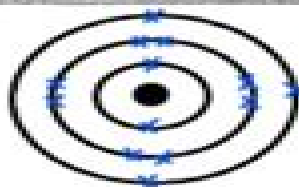
Magnesium ion

**Magnesium atom**

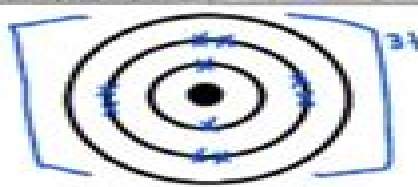
Atomic number: 12  
 Mass number: 24  
 Protons: 12  
 Neutrons: 12  
 Electrons: 12  
 Cation/Anion: Cation

**Magnesium ion**

Atomic number: 12  
 Mass number: 24  
 Protons: 12  
 Neutrons: 12  
 Electrons: 10  
 Ion symbol: Mg<sup>2+</sup>



Aluminum atom



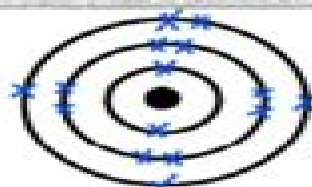
Aluminum ion

**Aluminum atom**

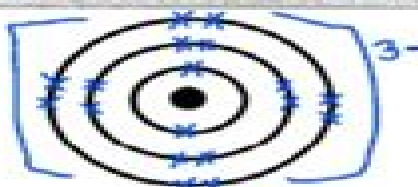
Atomic number: 13  
 Mass number: 27  
 Protons: 13  
 Neutrons: 14  
 Electrons: 13  
 Cation/Anion: Cation

**Aluminum ion**

Atomic number: 13  
 Mass number: 27  
 Protons: 13  
 Neutrons: 14  
 Electrons: 10  
 Ion symbol: Al<sup>3+</sup>



Phosphorus atom



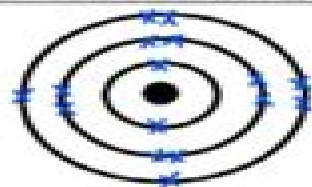
Phosphorus ion

**Phosphorus atom**

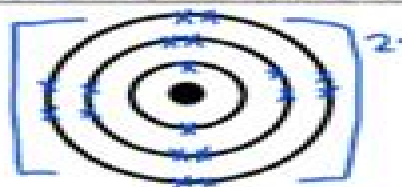
Atomic number: 15  
 Mass number: 31  
 Protons: 15  
 Neutrons: 16  
 Electrons: 15  
 Cation/Anion: Anion

**Phosphorus ion**

Atomic number: 15  
 Mass number: 31  
 Protons: 15  
 Neutrons: 16  
 Electrons: 18  
 Ion symbol: P<sup>3-</sup>



Sulfur atom



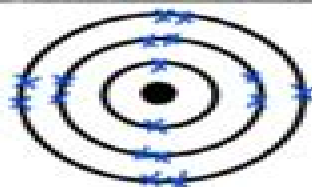
Sulfur ion

**Sulfur atom**

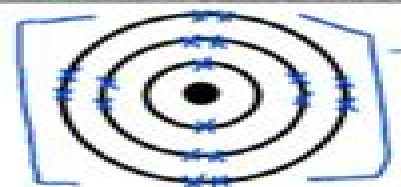
Atomic number: 16  
 Mass number: 32  
 Protons: 16  
 Neutrons: 16  
 Electrons: 16  
 Cation/Anion: Anion

**Sulfur ion**

Atomic number: 16  
 Mass number: 32  
 Protons: 16  
 Neutrons: 16  
 Electrons: 18  
 Ion symbol: S<sup>2-</sup>



Chlorine atom



Chlorine ion

**Chlorine atom**

Atomic number: 17  
 Mass number: 35  
 Protons: 17  
 Neutrons: 18  
 Electrons: 17  
 Cation/Anion: Anion

**Chlorine ion**

Atomic number: 17  
 Mass number: 35  
 Protons: 17  
 Neutrons: 18  
 Electrons: 18  
 Ion symbol: Cl<sup>-</sup>

# Atoms Vs Ions Worksheet Answer Key

**Kristy Turner**



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