

Name \_\_\_\_\_

Date \_\_\_\_\_

## Using the Periodic Table

### Directions

Use the periodic table to find the information for each of the following elements.

#### Hydrogen

Chemical Symbol \_\_\_\_\_

Number of Electrons \_\_\_\_\_

Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_

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

Solid Liquid Gas

Number of Protons \_\_\_\_\_

Mass Number \_\_\_\_\_

Metal Nonmetal Metalloid

#### Helium

Chemical Symbol \_\_\_\_\_

Number of Electrons \_\_\_\_\_

Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_

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

Solid Liquid Gas

Number of Protons \_\_\_\_\_

Mass Number \_\_\_\_\_

Metal Nonmetal Metalloid

#### Lithium

Chemical Symbol \_\_\_\_\_

Number of Electrons \_\_\_\_\_

Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_

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

Solid Liquid Gas

Number of Protons \_\_\_\_\_

Mass Number \_\_\_\_\_

Metal Nonmetal Metalloid

#### Beryllium

Chemical Symbol \_\_\_\_\_

Number of Electrons \_\_\_\_\_

Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_

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

Solid Liquid Gas

Number of Protons \_\_\_\_\_

Mass Number \_\_\_\_\_

Metal Nonmetal Metalloid

#### Boron

Chemical Symbol \_\_\_\_\_

Number of Electrons \_\_\_\_\_

Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_

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

Solid Liquid Gas

Number of Protons \_\_\_\_\_

Mass Number \_\_\_\_\_

Metal Nonmetal Metalloid

#### Carbon

Chemical Symbol \_\_\_\_\_

Number of Electrons \_\_\_\_\_

Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_

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

Solid Liquid Gas

Number of Protons \_\_\_\_\_

Mass Number \_\_\_\_\_

Metal Nonmetal Metalloid

#### Nitrogen

Chemical Symbol \_\_\_\_\_

Number of Electrons \_\_\_\_\_

Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_

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

Solid Liquid Gas

Number of Protons \_\_\_\_\_

Mass Number \_\_\_\_\_

Metal Nonmetal Metalloid

#### Oxygen

Chemical Symbol \_\_\_\_\_

Number of Electrons \_\_\_\_\_

Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_

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

Solid Liquid Gas

Number of Protons \_\_\_\_\_

Mass Number \_\_\_\_\_

Metal Nonmetal Metalloid

#### Fluorine

Chemical Symbol \_\_\_\_\_

Number of Electrons \_\_\_\_\_

Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_

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

Solid Liquid Gas

Number of Protons \_\_\_\_\_

Mass Number \_\_\_\_\_

Metal Nonmetal Metalloid

**Neon**

Chemical Symbol \_\_\_\_\_  
Number of Electrons \_\_\_\_\_  
Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_  
Atomic Mass \_\_\_\_\_  
Solid Liquid Gas

Number of Protons \_\_\_\_\_  
Mass Number \_\_\_\_\_  
Metal Nonmetal Metalloid

**Sodium**

Chemical Symbol \_\_\_\_\_  
Number of Electrons \_\_\_\_\_  
Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_  
Atomic Mass \_\_\_\_\_  
Solid Liquid Gas

Number of Protons \_\_\_\_\_  
Mass Number \_\_\_\_\_  
Metal Nonmetal Metalloid

**Magnesium**

Chemical Symbol \_\_\_\_\_  
Number of Electrons \_\_\_\_\_  
Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_  
Atomic Mass \_\_\_\_\_  
Solid Liquid Gas

Number of Protons \_\_\_\_\_  
Mass Number \_\_\_\_\_  
Metal Nonmetal Metalloid

**Aluminum**

Chemical Symbol \_\_\_\_\_  
Number of Electrons \_\_\_\_\_  
Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_  
Atomic Mass \_\_\_\_\_  
Solid Liquid Gas

Number of Protons \_\_\_\_\_  
Mass Number \_\_\_\_\_  
Metal Nonmetal Metalloid

**Silicon**

Chemical Symbol \_\_\_\_\_  
Number of Electrons \_\_\_\_\_  
Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_  
Atomic Mass \_\_\_\_\_  
Solid Liquid Gas

Number of Protons \_\_\_\_\_  
Mass Number \_\_\_\_\_  
Metal Nonmetal Metalloid

**Phosphorus**

Chemical Symbol \_\_\_\_\_  
Number of Electrons \_\_\_\_\_  
Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_  
Atomic Mass \_\_\_\_\_  
Solid Liquid Gas

Number of Protons \_\_\_\_\_  
Mass Number \_\_\_\_\_  
Metal Nonmetal Metalloid

**Sulfur**

Chemical Symbol \_\_\_\_\_  
Number of Electrons \_\_\_\_\_  
Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_  
Atomic Mass \_\_\_\_\_  
Solid Liquid Gas

Number of Protons \_\_\_\_\_  
Mass Number \_\_\_\_\_  
Metal Nonmetal Metalloid

**Chlorine**

Chemical Symbol \_\_\_\_\_  
Number of Electrons \_\_\_\_\_  
Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_  
Atomic Mass \_\_\_\_\_  
Solid Liquid Gas

Number of Protons \_\_\_\_\_  
Mass Number \_\_\_\_\_  
Metal Nonmetal Metalloid

**Argon**

Chemical Symbol \_\_\_\_\_  
Number of Electrons \_\_\_\_\_  
Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_  
Atomic Mass \_\_\_\_\_  
Solid Liquid Gas

Number of Protons \_\_\_\_\_  
Mass Number \_\_\_\_\_  
Metal Nonmetal Metalloid

**Potassium**

Chemical Symbol \_\_\_\_\_  
Number of Electrons \_\_\_\_\_  
Number of Neutrons \_\_\_\_\_

Atomic Number \_\_\_\_\_  
Atomic Mass \_\_\_\_\_  
Solid Liquid Gas

Number of Protons \_\_\_\_\_  
Mass Number \_\_\_\_\_  
Metal Nonmetal Metalloid