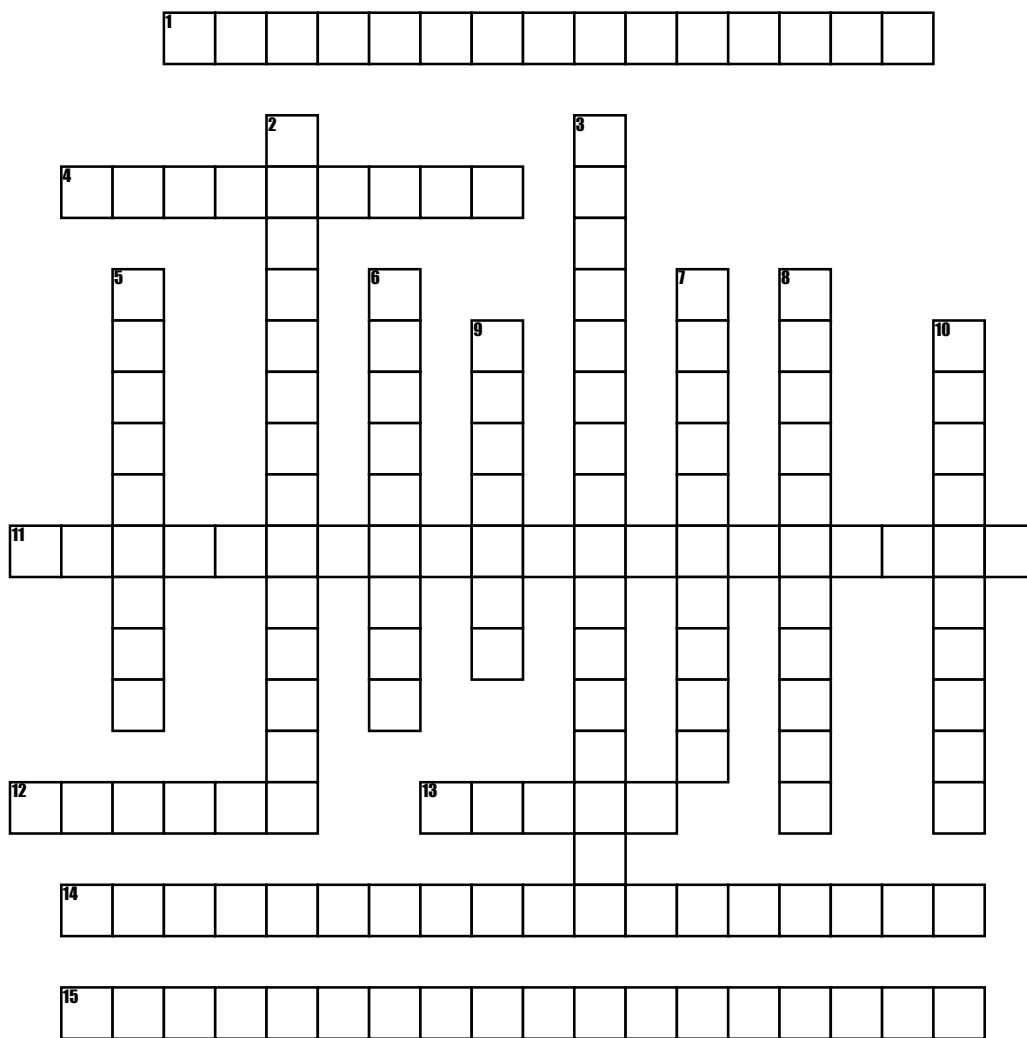


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Science



## Across

**1.** A type of bonding of atoms in metals where electrons are free to move around?

**4.** What are elements that aren't metals called?

**11.** What is an element that has over 92 protons?

**12.** What are good conductors of heat and cold?

**13.** What is the name of the vertical column in the periodic table?

**14.** When the nucleus breaks down what is the element now?

**15.** What are the elements in group 3 through 12 called?

## Down

**2.** Are elements that conduct an electric current under certain conditions

**3.** What is it called when there are two atoms of the same element in a bond?

**5.** What is an element/compound that can't be broken down?

**6.** What is the metal when it can be rolled into sheets or hammered?

**7.** What is it called when an element has some qualities of metals and nonmetals?

**8.** What is the process of going from a solid to a vapor instantly?

**9.** What is a metal when it can be drawn into wires?

**10.** What are different molecular structures of the same element?

## Word Bank

**Metallic Bonding**

**Sublimation**

**Metalloids**

**Substance**

**Nonmetals**

**Group**

**Diatomic molecule**

**Radioactive element**

**Malleable**

**Ductile**

**Allotropes**

**Transition elements**

**Transuranium Elements**

**Metals**

**Semiconductors**