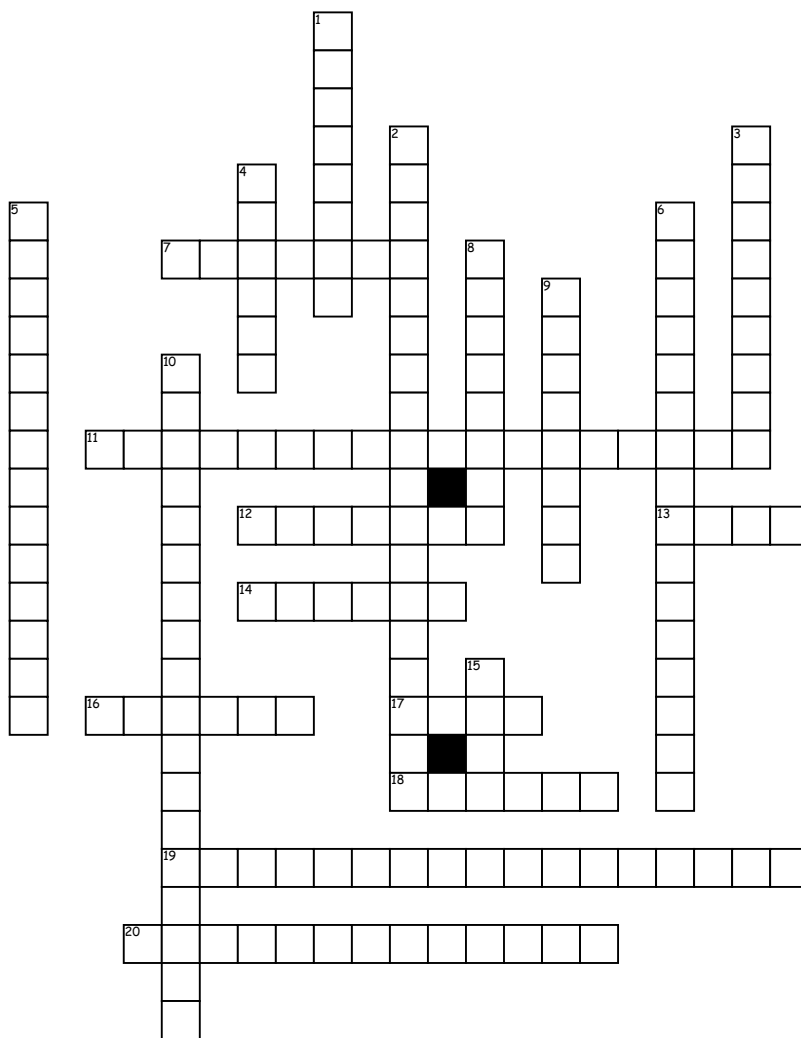


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Atom



## Across

7. Small, a dense center of the atom contains the Protons and Neutrons  
11. Are any of the characteristics of matter that describe it's ability to change into a new substance  
12. In the center of the nucleus  
13. The smallest particle of the matter that can't be divided  
14. What you breathe with  
16. What coins are made of

17. Something that is strong on hammer

18. A soft silvery white metal

19. The part of the atom

20. Elements on a table

## Down

1. Highly flammable gas

2. Are any of the characteristics of matter that can be observed or measure without changing the chemical structure of the substance

3. In the electron cloud outside the nucleus

4. A silvery-white metal, the chemical element of atomic number 28.

5. special unit used for the mass of a subatomic particle

6. Charge associated with a subatomic particle

8. In the center nucleus of the atom

9. Something that is everywhere

10. Located outside the nucleus where the electrons are found

15. A shiny metal

## Word Bank

Electrons

Electrical charge

Physical Properties

Electron cloud shell

Atomic mass unit

Nucleus

Periodic Table

Oxygen

Nickel

Sodium

Silver

Neutrons

Iron

Elements

Chemical Properties

Subatomic Particle

Atom

Protons

Hydrogen

Gold