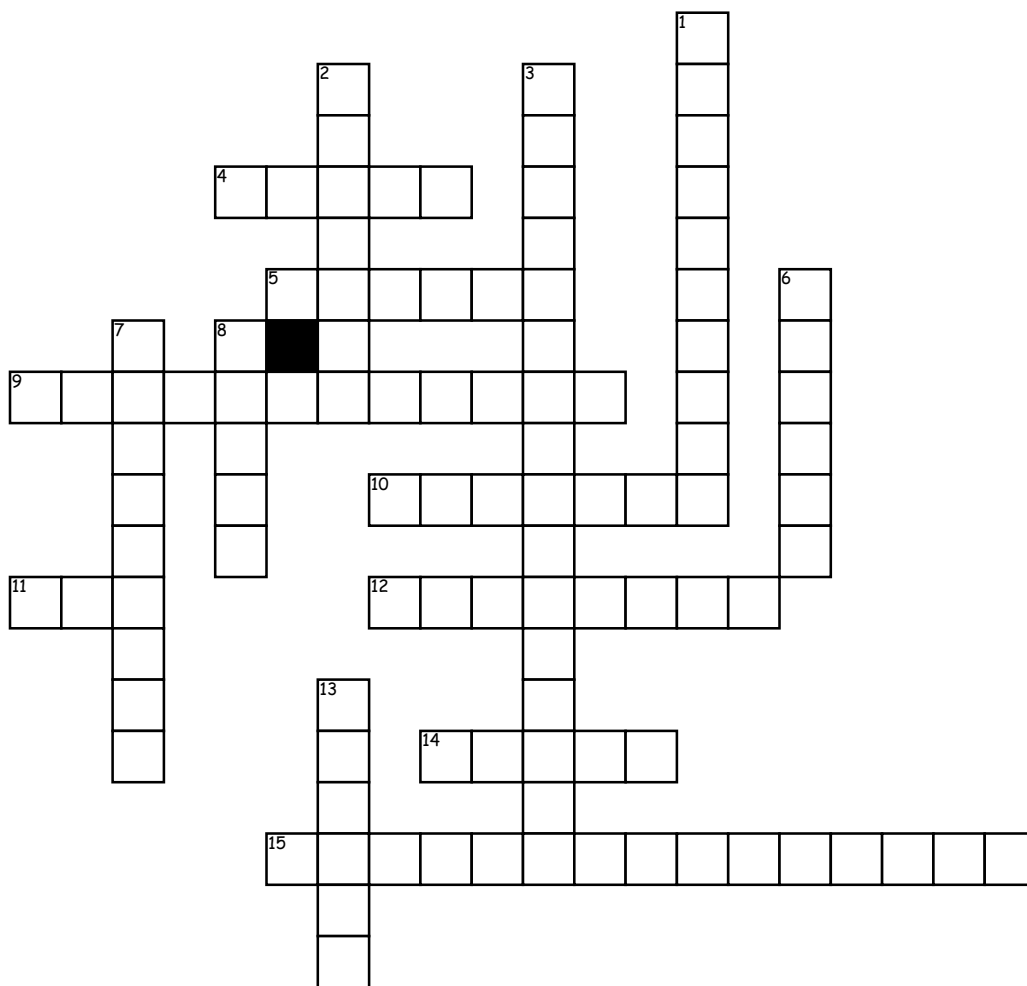


Name: _____ Date: _____ Period: _____

Atoms



Across

4. in a neutral atom, the number of protons and electrons is _____.

5. positive charged particle, found in the nucleus

9. To find the number of protons in an atom, look at the _____.

10. The protons and neutrons are found in the _____.

11. number of electrons in the first energy level

12. negative charged particle found in the electron shells

14. matter is made of _____.

15. The type of model that only shows the valence electrons is called the _____.

Down

1. The number of protons plus the number of neutrons is equal to the _____.

2. subatomic particle that is neutral or has no charge and found in the nucleus

3. The electrons found on the outermost electron shell are called _____.

6. _____ has mass and takes up space.

7. The type of model that shows the number of protons, neutrons, and electrons is called the _____.

8. number of electrons found in the 2nd, 3rd, and 4th electron shells.

13. We use _____ to study atoms, because they are so small.

Word Bank

valance electrons

Lewis structures

atoms

atomic mass

eight

equal

nucleus

atomic number

two

neutron

Bohr model

matter

electron

models

proton