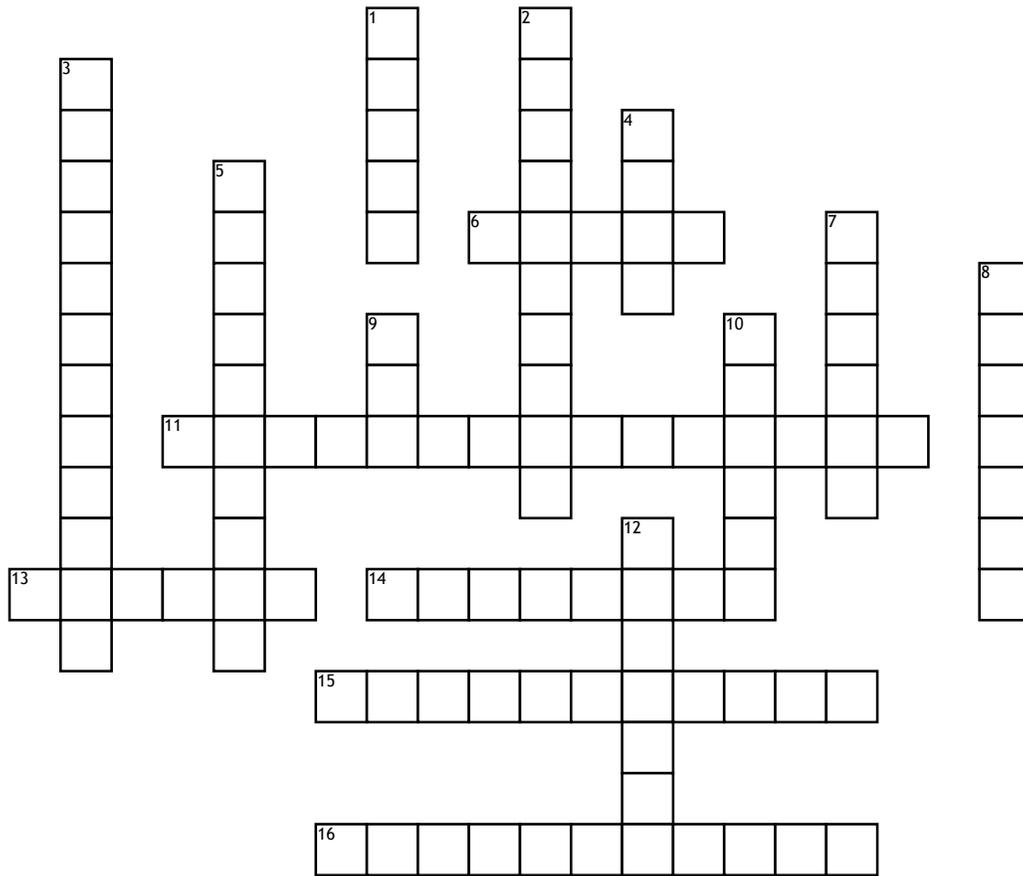


Name: _____

Date: _____

periodic table



Across

6. i am an ion with a negative charge

11. i am an electron in the outermost energy level of an atom

13. i am a horizontal row of elements listed in the periodic table

14. i am in the energy level of an atom, and am a negatively charged subatomic particle

15. the properties of an element tends to repeat in a pattern when they are listed in order of increasing atomic number

16. i am any of the possible energies an electron may have in an atom

Down

1. i am a vertical group of elements in the periodic table

2. i am the total number of neutrons and protons in the nucleus of an atom

3. i am the number of protons in the nucleus of an atom

4. i am the smallest particle and have the properties of an element

5. i am the process of adding or removing from an atom or a group of atoms

7. i am a subatomic particle in the nucleus of an atom

8. i am a neutral, subatomic particle in the nucleus

9. i am an atom or group of atoms who have lost or gained electrons

10. i am an ion with a positive charge

12. i am a place in an atom with a high probability of finding electrons

Word Bank

atomic number

valance electron

group

neutron

period

proton

electron

anion

orbital

periodic law

ionization

ion

mass number

energy level

atom

cation