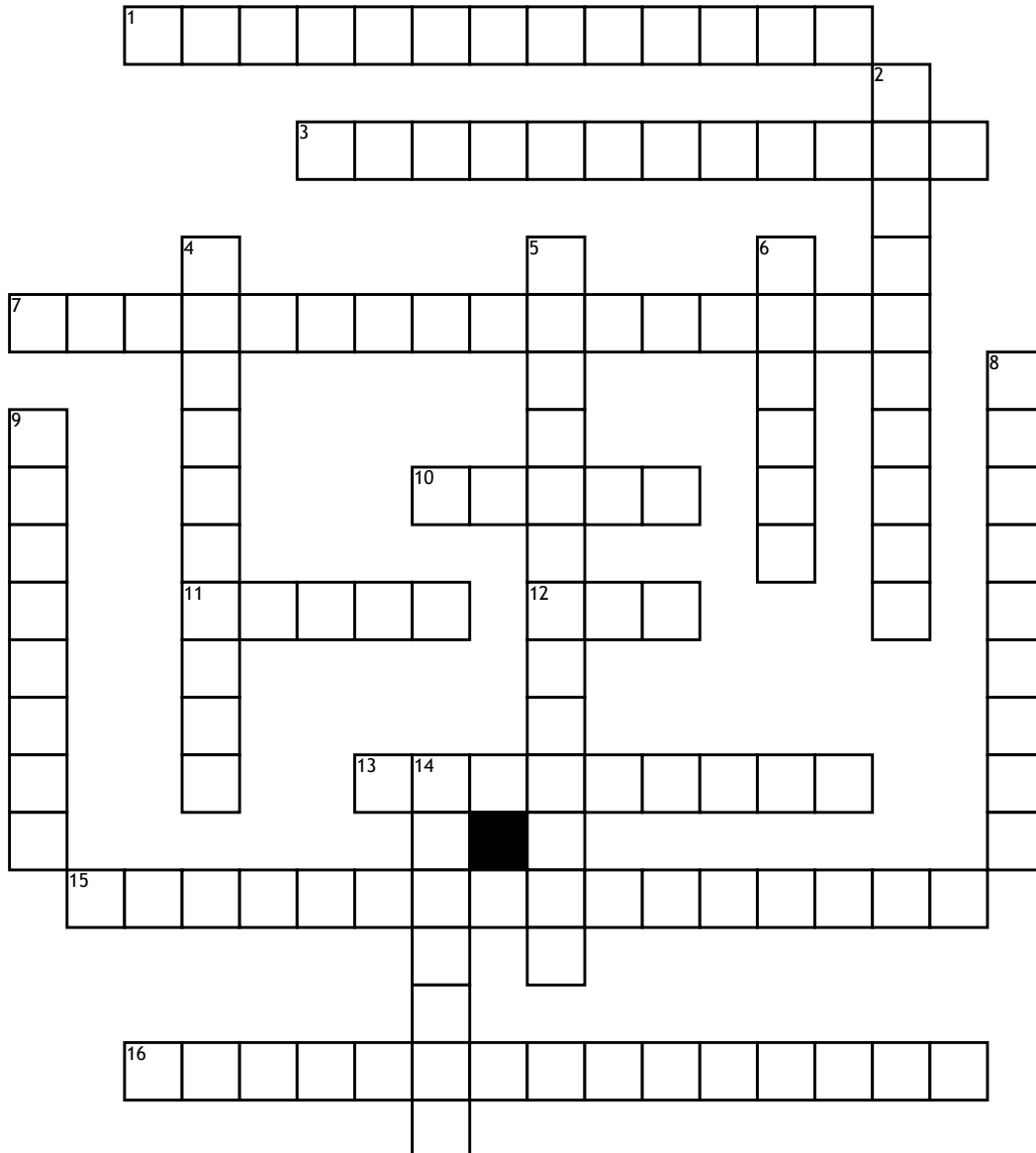


Name: _____

Periodic Table



Across

1. The region surrounding the nucleus of an atom where the electrons are located
3. The number of protons contained in each nucleus of its atoms of the element
7. Elements that are made by scientists in a laboratory and do not exist in nature
10. A vertical column on the periodic table
11. An element or substance that conducts electricity and heat
12. An atom that has gained or lost one or more electrons

13. Element that has some properties of a metal and some of a nonmetal

15. Electrons that are located in the outermost energy level of an atom

16. The single capital letter or capital letter followed by a lower case letter that represents the name of the element

Down

2. Describes how likely an element is to form bonds with other elements

4. The number of protons and neutrons in the nucleus of one atom of the element

5. A chart that organizes information about all of the known elements according to their properties

6. A horizontal row in the periodic table

8. A bond formed by the transfer of electrons to the outer energy level of another atom

9. An element that does not conduct heat or electricity

14. A substance that cannot be broken down into a simpler substance by ordinary means