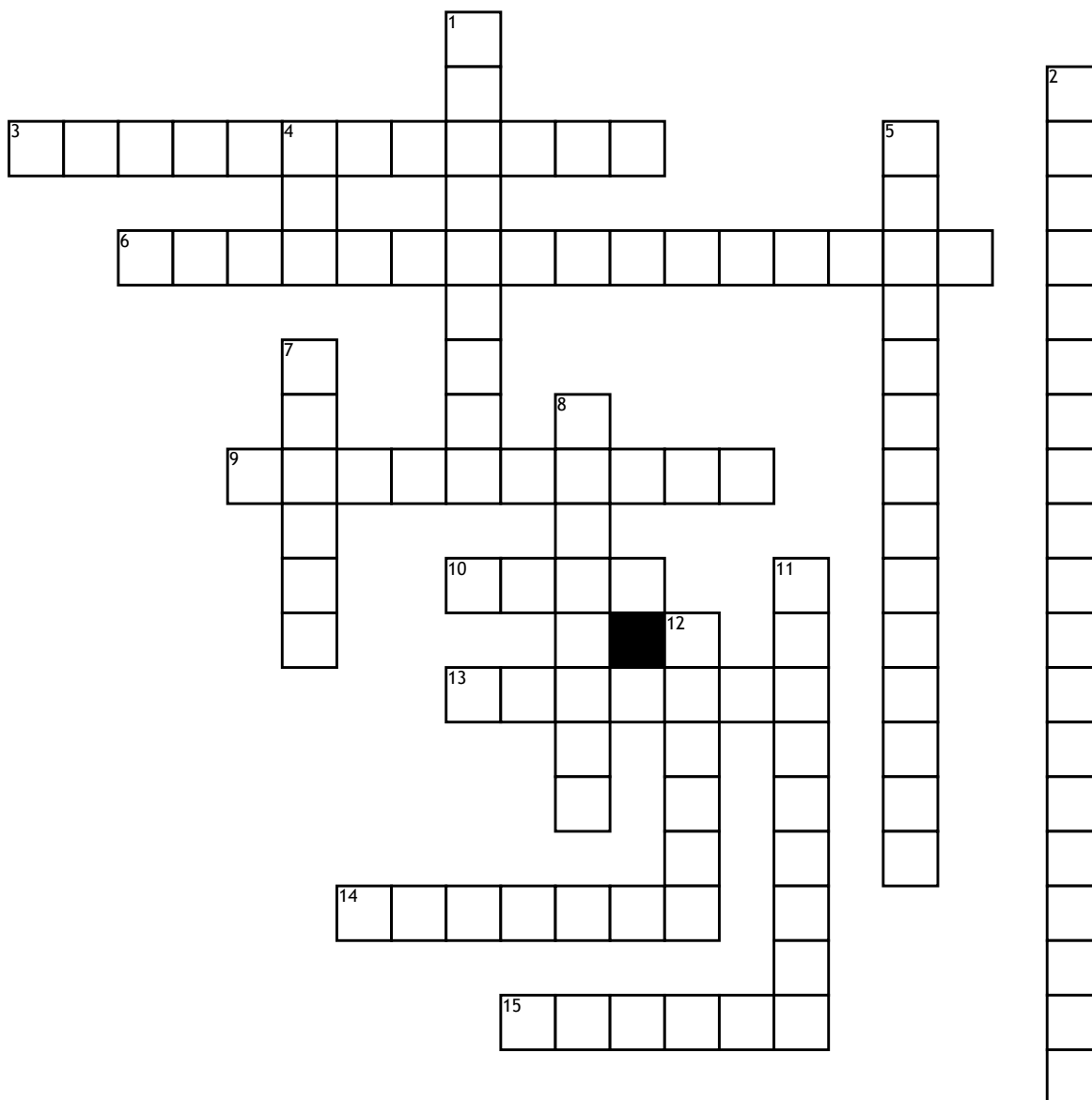


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Benchmark Vocab



## Across

3. Group 1; reactive metals; extra electron

6. the 38 elements in groups 3 through 12 of the periodic table are called "transition metals". As with all metals, the transition elements are both ductile and malleable, and conduct electricity and heat.

9. The six noble gases are found in group 18 of the periodic table and having the maximum amount of electrons possible on their outer shell making them stable

10. smallest chemically particle in an element

13. negatively charged particle

14. negatively charged particle

15. the name given to a horizontal row of the periodic table.

## Down

1. in chemistry, the statement that when atoms combine to form molecules they generally each lose, gain, or share valence electrons until they attain or share eight

2. The alkaline earth elements are metallic elements found in the second group of the periodic table

4. an electrically charged atom or group of atoms formed by the loss or gain of one or more electrons,

5. an electron of an atom, located in the outermost shell (valence shell) of the atom, that can be transferred to or shared with another atom.

7. 18 of them and also known as (families)

8. The halogens are five non-metallic elements found in group 17 of the periodic table

11. the electrostatic bond between two ions formed through the transfer of one or more electrons.

12. positively charged particle