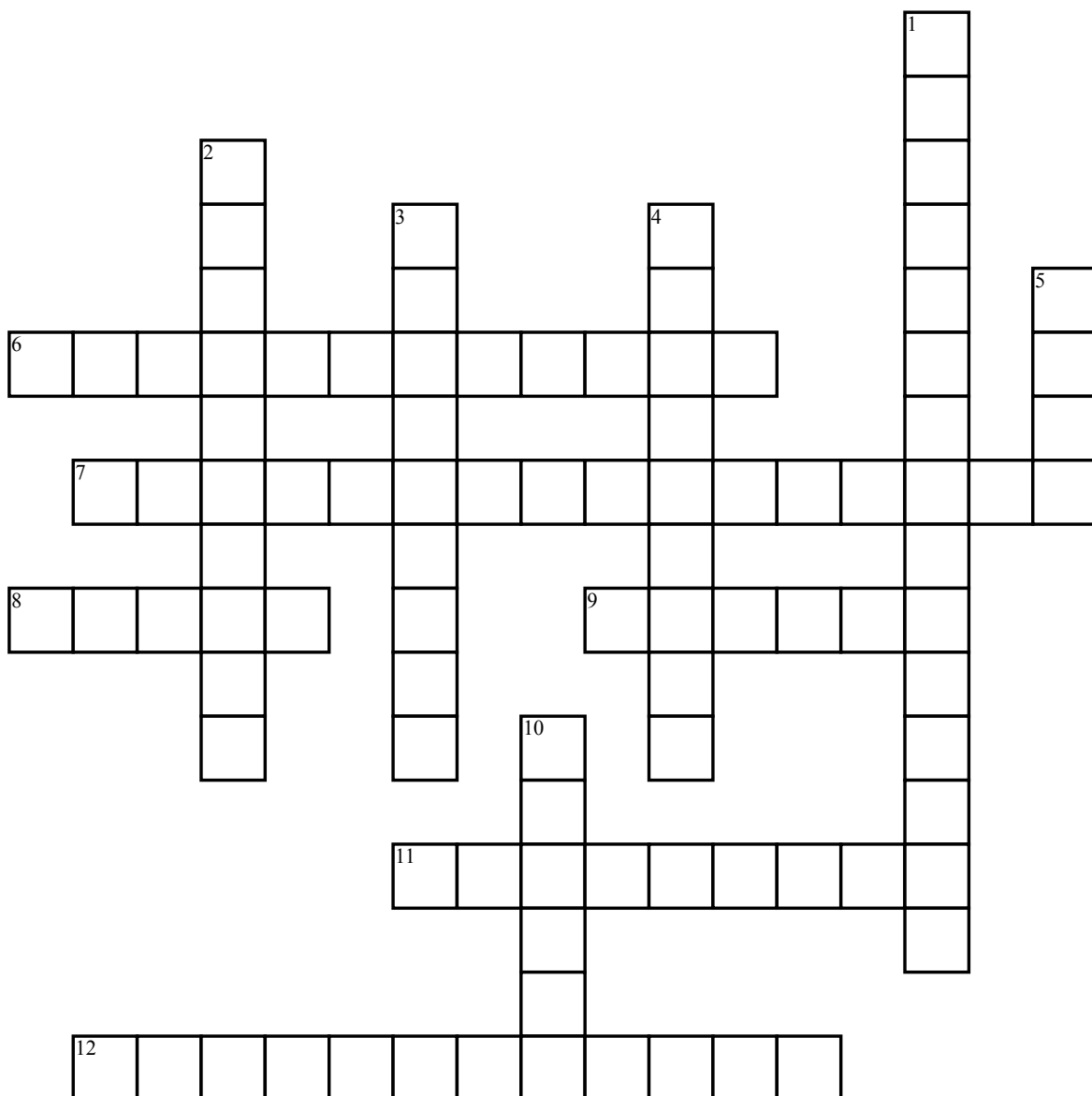


Name: _____

Date: _____

Bonding Elements Crossword



Across

6. This is the type of bond where electrons are shared between atoms.

7. The electrons found on the most outermost shell of an atom. This is where chemical reactions and bonding take place.

8. Atoms that gain electrons and become negative.

9. Atoms that lose electrons and become positive.

11. Atoms want to have eight electrons on their outer shell to become stable.

12. The outer most shell of an atom.

Down

1. The total number of electrons that an atom either gains or loses in order to form a chemical bond with another atom.

2. These touch the staircase in the periodic table and have properties of both metals and non-metals

3. Type of bond where atoms give electrons to other atoms and there's an attraction between oppositely charged ions.

4. These are found to the right of the staircase and form covalent bonds with each other, or take away electrons from metals to form ionic bonds and become negatively charged.

5. Atoms with either a positive or negative electrical charge.

10. These are found to the left of the staircase and form ionic bonds with non-metals. They give away electrons and become a positively charged except for hydrogen.