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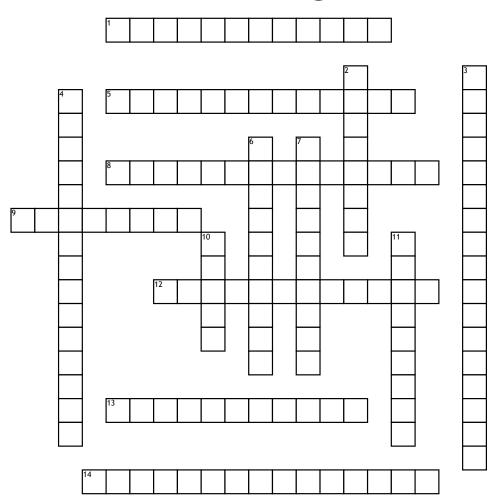
Chemical Bonding

Across

- 1. Bonding which results from the electrical attraction between cations and anions
- **5.** compound that consists of positive and negative ions
- **8.** A charged group of covalently bonded atoms
- **9.** the simplest structual unit of an element
- **12.** ability of a substance to be hammered into thin sheets
- 13. simplest collection of atoms from which an ionic compound's formula can be established
- **14.** when two atoms share a pair of electrons

Down

- 2. ability of a substance to be drawn or pulled through a small opening to make a wire
- **3.** Covalent bond when electrons are not shared equally
- 4. bonding that results from the attraction between metal atoms and the surrounding sea of electrons



- **6.** energy required to break a chemical bond and form isolated atoms
- 7. covalent bond when one pair of electrons is shared between two atoms
- **10.** bonding that has an eneven distribution of charge
- 11. in a chemical compound the max amount of electrons is 8 in the highest energy level

