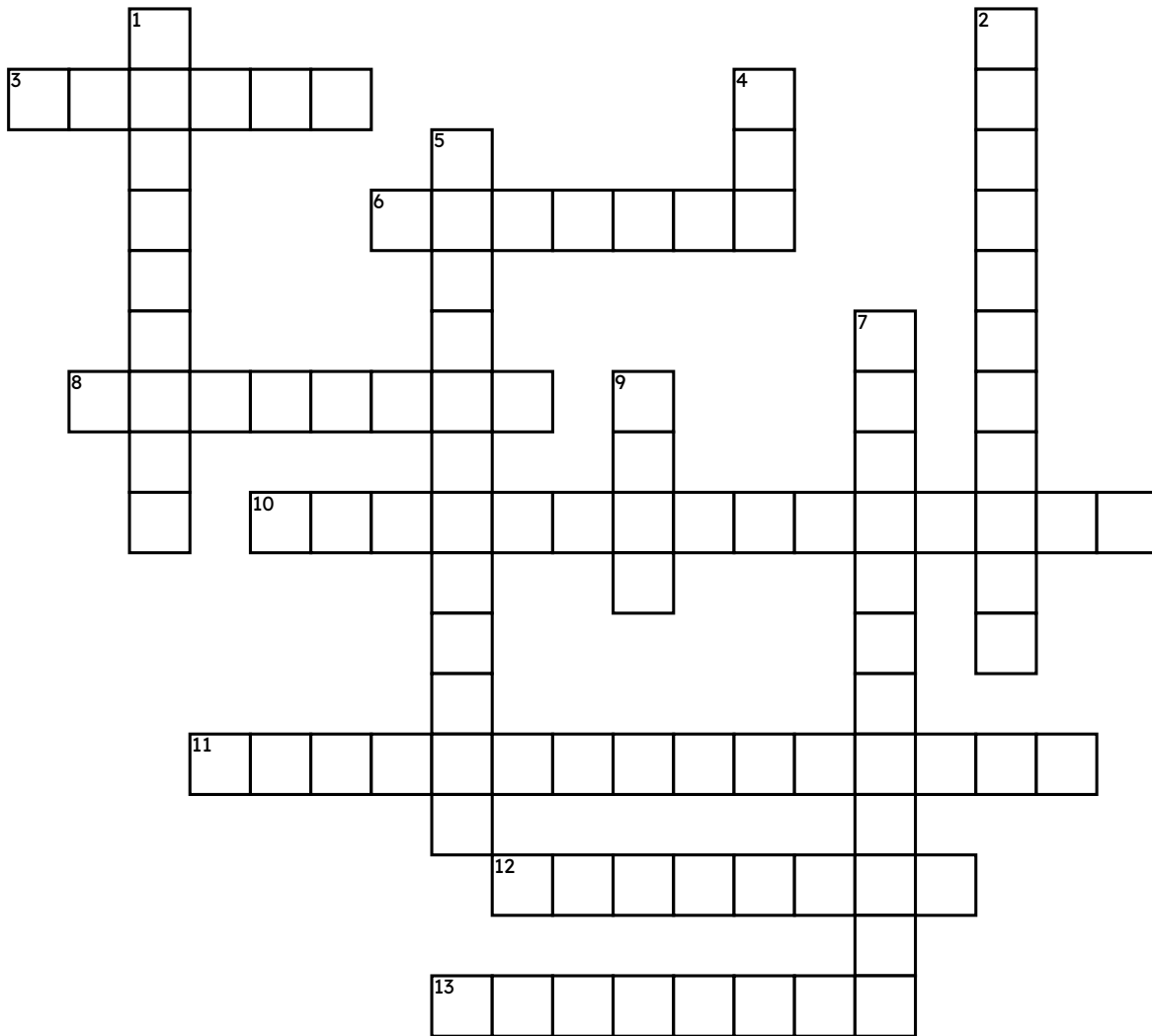


Ionic, Covalent, and Metallic Bonding



Across

- 3.** What is a positively charged particle found in every atom called
- 6.** What is a small particle found in the nucleus of an atom with no charge called?
- 8.** An extremely small particle or substance, especially at cellular or structural level
- 10.** A representation of a molecule where dots are used to represent the number of electrons

- 11.** What is the outer shell electron that is associated with an atom.
- 12.** What is a negatively charged particle found in an atoms nucleus called?
- 13.** A substance composed of many identical molecules.

Down

- 1.** What is the complete transfer of valence electron(s) between atoms.
- 2.** A model showing electrons orbiting the nucleus of an atom

- 4.** What is an electrically charged atom or group of atoms formed by the loss or gain of one or more electrons.
- 5.** A lasting attraction between atoms ions or molecules
- 7.** An electronically neutral group of 2 or more atoms held together by chemical bonds
- 9.** the smallest unit of matter that retains all of the chemical properties of an element.