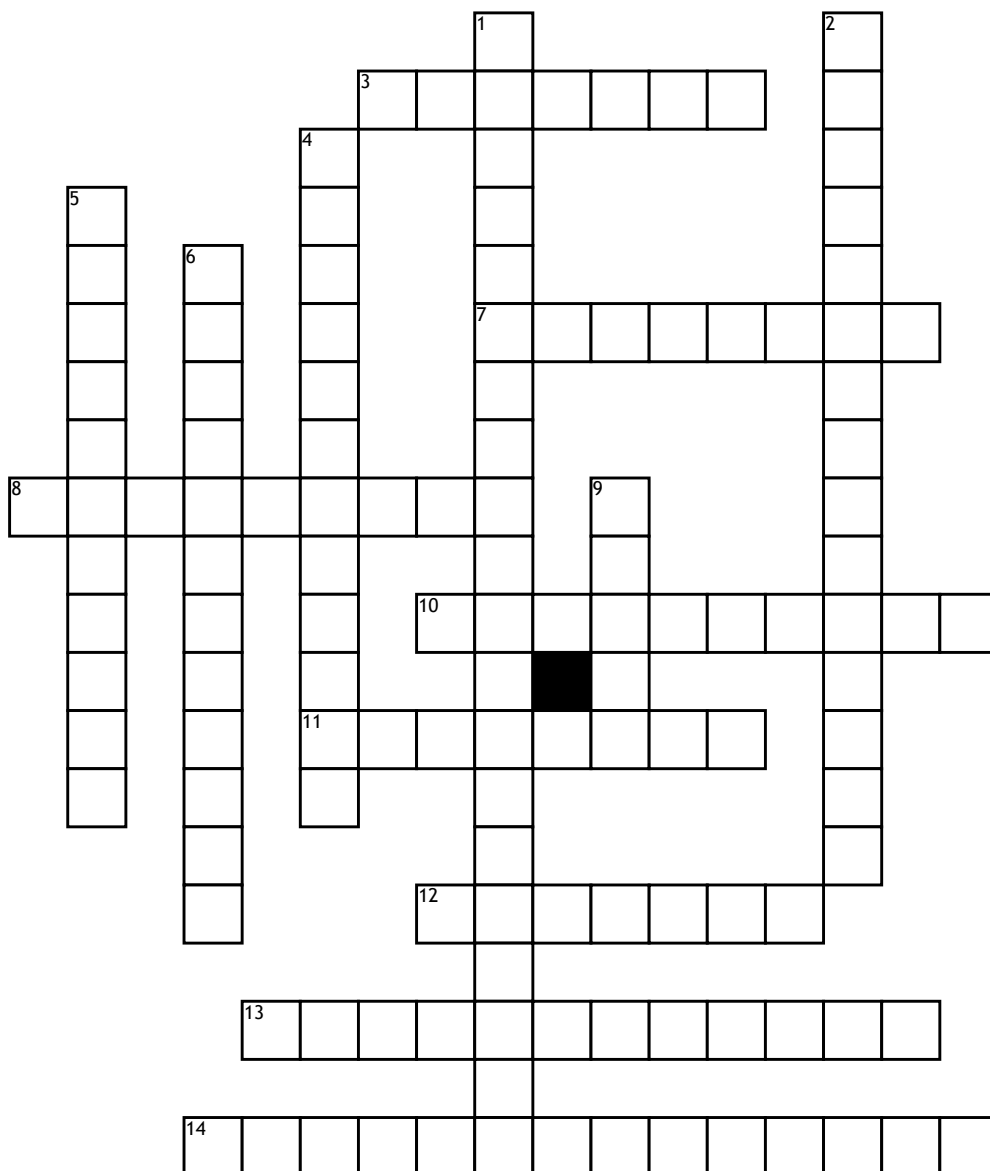


Name: _____

Date: _____

Structure, Bonding & Properties of Matter



Across

3. The building block (molecule) of a polymer
 7. Particle made from atoms joined together by covalent bonds
 8. Can be hammered into shape
 10. Family of carbon molecules each with carbon atoms linked in rings to form a hollow sphere or tube
 11. Substance that speeds up a chemical reaction but is not used up in it

12. Long chain molecule made from joining lots of small molecules together by covalent bonds
 13. The electrostatic attraction between positive and negative ions
 14. These are solid, liquid and gas

Down

1. Weak forces between molecules
 2. The attraction between the nucleus of metal atoms and delocalized electrons

4. Ionic substances are made up of a giant lattice of positive and negative ions in a regular structure.
 5. Free to move around
 6. Two shared electrons joining atoms together
 9. A mixture of a metal with small amounts of other elements, usually other metals