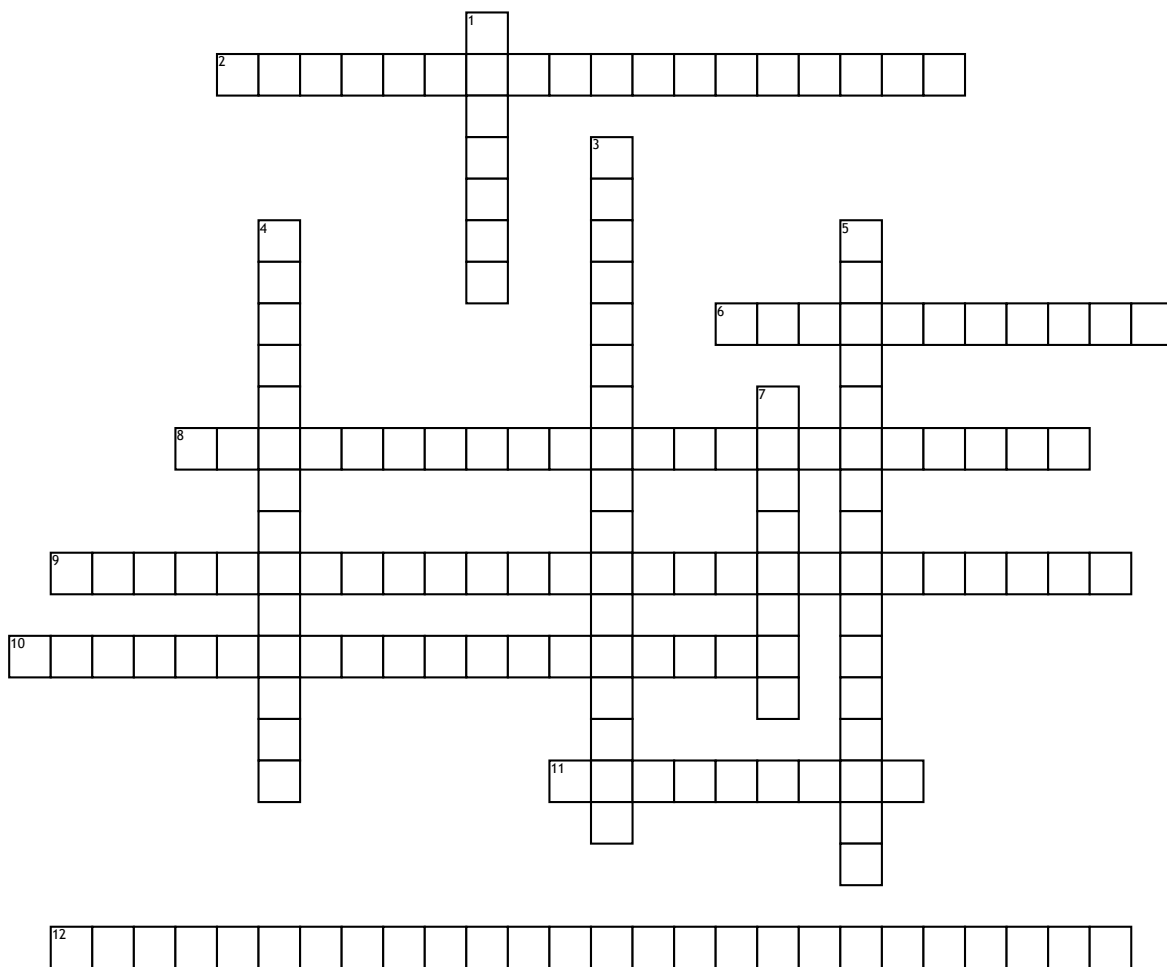


Name: _____

Date: _____

Chapter 7



Across

2. a chemical reaction in which energy is released to the surroundings as heat

6. Atom or group of atoms that has one unpaired electron

8. Reactions in which substances are broken apart

9. Two compounds appear to exchange ions

10. A chemical reaction in which more energy is needed to break the bonds in the reactants

11. Proportion of reactants and products in a chemical reaction

12. Atoms move into a compound and atoms appear to move out

Down

1. Is a substance that forms in a chemical reaction

3. Reaction in which multiple substances combine to form a new compound

4. Energy that is stored in the form of chemical bonds is

5. Uses symbols to represent a chemical reaction

7. A substance that participates in a chemical reaction