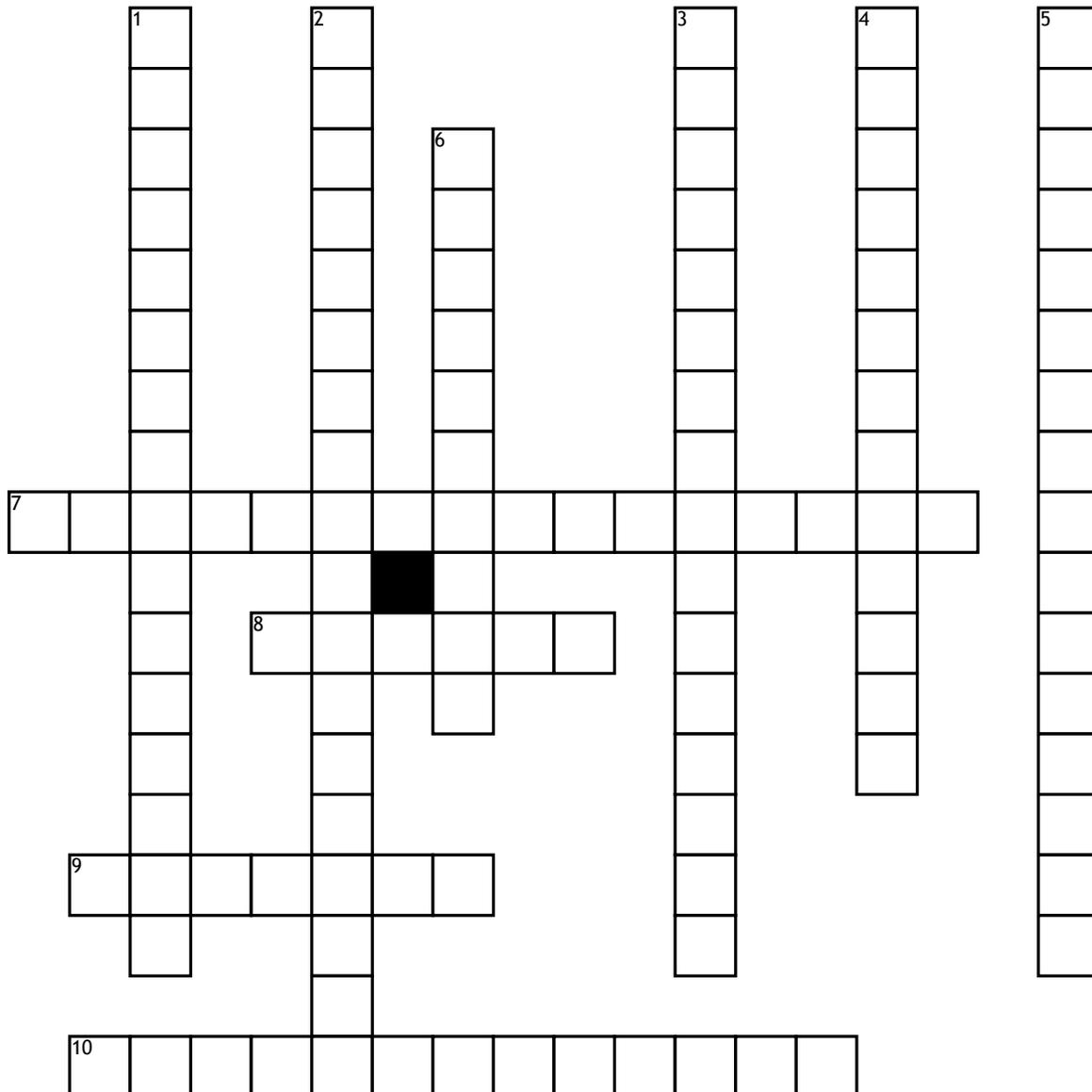


Name: _____

Date: _____

Chemical Properties and Interactions



Across

7. characteristics that can only be observed or measured when atoms of matter rearrange during a chemical change

8. has mass and takes up space

9. the amount of matter in a given space or volume; it is a relationship between mass and volume

10. a single substance, either an element or a compound, with definite composition and properties

Down

1. resources that exist in the environment without human intervention

2. materials made by humans

3. characteristics that can be observed or measured without changing the substance; color, melting point

4. large quantities

5. the process by which one or more substances change to produce one or more different substances

6. measurement of the ability of a solid to dissolve in a liquid