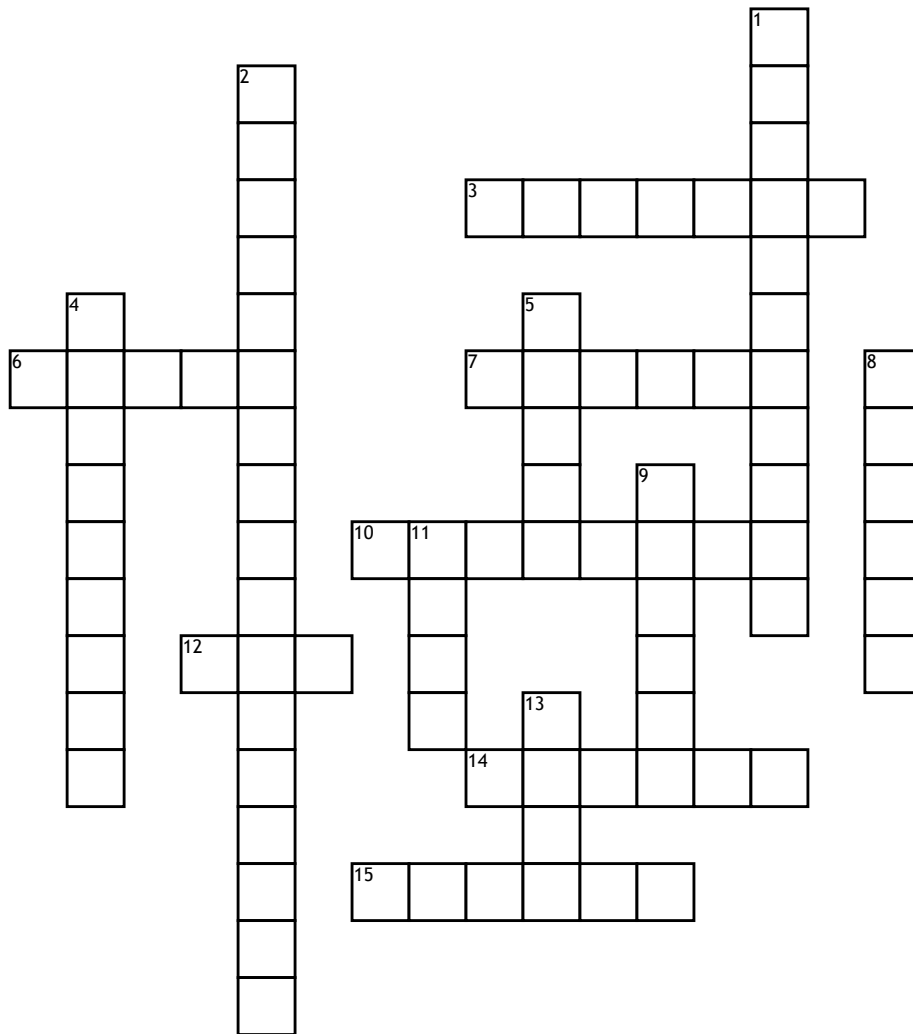


Name: _____

Date: _____

phases of matter



Across

3. force that pulls all objects toward the center of the earth

6. a source of energy

7. it is the space occupied by matter

10. property of solid to resist scratching or abrasion

12. has definite mass, no definite volume and no definite shape

14. What is anything that has mass and occupies space

15. phase of matter that lacks shape

Down

1. property of a material to be easily broken into pieces

2. method of measuring the volume of irregularly shaped solids

4. tiny particles that made up matter

5. it has definite mass, shape and volume

8. it has indefinite shape, definite mass and volume

9. pull of gravity on matter

11. smallest particle of a molecule

13. physical property of matter

Word Bank

mass

solid

weight

hardness

sound

molecules

matter

gravity

liquid

volume

plasma

brittleness

atom

gas

water displacement