

Name: _____

Date: _____

Matter Test

1. Circle **True** or **False**:

- | | | |
|---|---|---|
| a) All matter takes up space. | T | F |
| b) Liquids do not have their own shape. | T | F |
| c) Ice cannot change from solid to liquid. | T | F |
| d) Sand dissolves in water. | T | F |
| e) Every solid takes up its own space. | T | F |
| f) Juice mixes with water. | T | F |
| g) Heat can cause change of state. | T | F |
| h) The particles in liquid can move around. | T | F |
| i) Ketchup moves faster than syrup. | T | F |
| j) Oil and water mix. | T | F |

2. The three **states of matter** are: _____,
_____, and _____.

3. Sort the solids and liquids.

book	oil	car	water
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Solid

Liquid

4. Draw pictures to show how water can be a solid, liquid and a gas. Label your picture.

Solid

Liquid

Gas

5. Fill in the blank with the correct word: Solids, Liquids or Gas.

- a. _____ take the shape of a container.
- b. _____ spreads out to fill a container.
- c. _____ keep their own shape.

6. Buoyancy: Which objects float? Which objects sink?

plastic	paper clip	rock	ball
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Floats

Sinks

7. Absorbency: Which materials absorb water? Which materials repel water?

aluminum	paper towel	sock	wax paper
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Absorbs

Repels

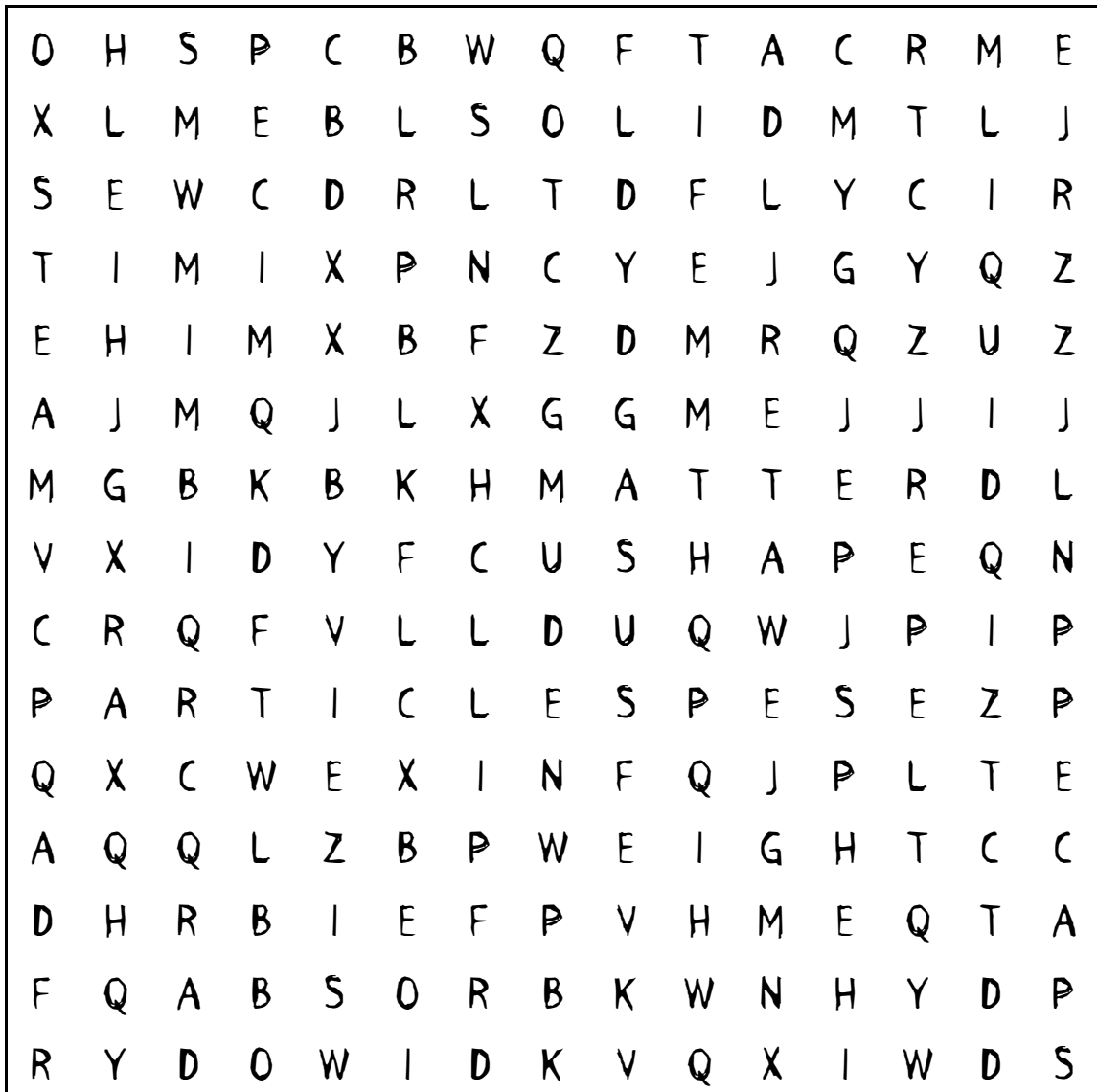
8. We did many experiments about matter. Draw a picture to show one of the experiments. (breaking solids, liquids race, mixing solids and liquids, mixing liquids and liquids, floating, absorption)

Experiment Name: _____
Show detail in your picture and label it.

Tell what you learned from the experiment.



Matter



ABSORB

GAS

ICE

LIQUID

MATTER

MIX

PARTICLES

REPEL

SHAPE

SIZE

SOLID

SPACE

STEAM

WATER

WEIGHT