

Name: _____

Date: _____

Matter Test

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

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

2. The three **states of matter** are: solid,
liquid, and gas.

3. Sort the solids and liquids.

book	oil	car	water
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Solid

book
car

Liquid

oil
water

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

Solid

ice

Liquid

water

Gas

steam

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

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

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

plastic	paper clip	rock	ball
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Floats

plastic
ball

Sinks

paper clip
rock

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

aluminum	paper towel	sock	wax paper
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Absorbs

paper towel
sock

Repels

aluminum
wax paper

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.

Question	1	2	3	4	5	6	7	8	Total
Points	10	3	4	6	3	4	4	6	40
Score									



Matter



ABSORB

GAS

ICE

LIQUID

MATTER

MIX

PARTICLES

REPEL

SHAPE

SIZE

SOLID

SPACE

STEAM

WATER

WEIGHT