

Read and answer **all** questions

1. What is matter?

- A) Volume of an object.
- B) Anything that takes up space.
- C) Mass of an object.
- D) Space of an object.

2. What are the properties of matter?

- A) water, air, ball
- B) solid, liquid and gas
- C) color, shape, flexibility, hardness.
- D) color, shape, flexibility, hardness and strength, texture, absorbency.

3. _____ is the only form of matter that has a shape of its own.

- a. solid
- b. liquid
- c. gas

2. Which of these are examples of a gas?.

- a. chocolate
- b. oxygen
- c. gasoline
- d. syrup

3. Which of these objects are examples of liquids?

- a. popcorn
- b. oil
- c. corn
- d. water

4. Which of these are examples of solids?

- a. water
- b. hamburger
- c. juice
- d. oxygen

5. What happens to a solid material if it is heated?

- a. It cools
- b. It freezes
- c. It melts
- d. Nothing happens

7. What happens to water when it cools to lower temperatures?

- a. It evaporates
- b. It freezes
- c. It melts
- d. Nothing happens

8. What type of substance can be poured and takes the shape of its container?

- a. Liquid
- b. Gas
- c. Solid
- d. Plasma

9. Look at the ice and water . Which statements are true?



- A) Ice and water are an example of reversible change.
- B) Heat causes the ice to form ..
- C) Heat causes the wax and chocolate to turn to ashes.
- D) cooling causes ice to melt.

10) Describe a way you could sort the objects by their properties.



11) Which changes are reversible? Which changes are irreversible?

Cause	Effect	Change
Mach	Wood turns to ash.	
Freezer freezes milk	Lemonade turns solid.	
Heat cooks vegetables.	Turn soft	

12) What caused the change? Is it reversible or irreversible? Make a claim about it. Use evidence to support your answer.



