

Instructions: Read each question carefully and select the correct answer.

1. These of two states of matter are similar
 - a. Gas and solid
 - b. Liquid and plasma
 - c. plasma and gas
 - d. Solid and liquid

2. States of matter are categorized according to their
 - a. Colour and size
 - b. Arrangement, distance of particles and energy
 - c. energy, size and colour
 - d. Distance, design and shape

3. All forms of matter are made up of particles that are always
 - a. vibrating
 - b. Have a fixed motion
 - c. dispersed
 - d. Charged

4. This state of matter is a good conductor of electricity
 - a. Solids
 - b. Liquids
 - c. plasma
 - d. Gas

5. When energy is added to a state of matter then a _____ occurs.
 - a. Change in state
 - b. Regular arrangement
 - c. cellular division
 - d. Movement

6. An example of plasma as a state of matter is
 - a. Ocean water

- b. Moon
- c. Sun
- d. Earth

7. Plasma can be

- a. Wet and dry
- b. hot and cold
- c. hard and soft
- d. Internal and external

8. An element can also be called

- a. mixture
- b. compound
- c. pure substance
- d. colloid

9. An example of a mixture that is homogeneous

- a. Sugar water
- b. Cereal and milk
- c. fruit salad
- d. Sand and iron pieces

10. An example of a mixture that is heterogeneous

- a. Coffee
- b. Milk
- c. peas and carrots
- d. Sugar water

Instructions: Choose from the dropdown box if the following pictures show a PHYSICAL CHANGE or a CHEMICAL CHANGE

11.



A broken glass window

12.



Burning wood

13.



Ice melting

14.



Iron chains rusting

Instructions: State if the following pictures indicate POTENTIAL or KINETIC ENERGY

15.



Runner waiting to begin the race.

15.



A little boy swinging.

Instructions: Match the name to the definition.

16. CONDUCTOR

Heat and electricity flow easily

17. INSULATOR

Heat and electricity do not flow

Instructions: Drag the pictures to their correct names



Copper



Plastic



Rubber

CONDUCTOR	MATERIAL	INSULATOR
	Plastic	
	Copper	
	Rubber	