

NAME : _____

CLASS : _____

DATE : _____

1.



Steam is an example of a

☐ a) solid

☐ b) liquid

☐ c) gas

2. When temperature increases the speed of the molecules

☐ a) increases

☐ b) decreases

☐ c) remains the same

☐ d) none of the above

3.



Molecules or atoms move closer together when

☐ a) temperature is decreased

☐ b) temperature is increased

☐ c) water is added

☐ d) mass is added

4. Which answer(s) describe the process of evaporation?

☐ a) The particles move so quickly and escape into the atmosphere as water vapor

☐ b) When a liquid becomes a gas through heat

☐ c) The process of air cooling water

Evaporation can take place at

5. ☐ a) only high temperatures

☐ b) only low temperatures

☐ c) at many different temperatures

6. The drops of water that appear on the outside of a glass of cold juice on a warm day are an example of?

☐ a) sublimation

☐ b) condensation

☐ c) evaporation

☐ d) freezing

7. As molecule or particle speed increases, the space between molecules

☐ a) decreases

☐ b) increases

☐ c) stays the same

8. How many atoms are in one molecule of carbon dioxide (CO₂)?

☐ a) one

☐ b) two

☐ c) three

☐ d) four

9. Describe the energy transfer that happens if you hold an ice cube in your hand on a warm day.

☐ a) energy travels from hand to ice cube

☐ b) energy travels from ice cube to hand

☐ c) no energy transfer happens

☐ d) energy travels from the ice cube to the air

10. **The AMOUNT of matter in an object is called**

☐ a) temperature

☐ b) mass

☐ c) volume

☐ d) solid