

Name : \_\_\_\_\_

Topic: Science – Water Process

DIRECTIONS: Write the letter of the correct answer on the blank.

\_\_\_\_\_ 1. When water changes from liquid to solid, it goes through the process of

- A. condensation
- B. freezing
- C. melting

\_\_\_\_\_ 2. The freezing point of pure water is

- A. 100°C
- B. 0°F
- C. 0°C

\_\_\_\_\_ 3. When water becomes colder

- A. It loses heat
- B. It gains heat
- C. Neither

\_\_\_\_\_ 4. When it gains heat, ice goes through the process of

- A. boiling
- B. freezing
- C. melting

\_\_\_\_\_ 5. The temperature at which liquid boils is called the

- A. melting point
- B. boiling point
- C. freezing point

\_\_\_\_\_ 6. Water when heated to a temperature of 100°C

- A. changes the liquid water to ice
- B. remains unchanged
- C. changes the liquid water to steam

\_\_\_\_\_ 7. Morning dew found in leaves and grass do not disappear. Instead, the water droplets

- A. evaporated
- B. condensed
- C. melted

\_\_\_\_\_ 8. The amount of water present in the air is called

- A. rain
- B. humidity
- C. droplets

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DIRECTIONS: Write **T** if the statement is true and **F** if it is false.

- \_\_\_\_\_ 1. Water can exist in solid, liquid and gaseous state.
- \_\_\_\_\_ 2. If you heat water to a temperature of 100°C, it condenses to form steam.
- \_\_\_\_\_ 3. If you cool water to a temperature of 0°C, it freezes to form ice.
- \_\_\_\_\_ 4. Heat loss happens when butter softens.
- \_\_\_\_\_ 5. Heat gain happens during evaporation.
- \_\_\_\_\_ 6. Heat is a form of energy that when applied, can change the states of water.
- \_\_\_\_\_ 7. Water covers less than two-thirds of the surface of the Earth.
- \_\_\_\_\_ 8. Snow and hail are also water in their solid state.
- \_\_\_\_\_ 9. Steam is invisible.
- \_\_\_\_\_ 10. Water evaporates at the same rate at any day and any condition.

Answer the following questions:

- 1. Danny found droplets of water in the inside cover of his hot packed food. Where did the droplets of water come from?

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- 2. Why does Lisa's clothes dry quicker on a windy day than on days when it is not windy?

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- 3. Why do we perspire more when we are at humid places?

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