

Unit 9 L3 How does matter change?

1. What is **Evaporation?**

- a) It is the change of water from a liquid to a gas.
- b) It is the change of water from a gas to a liquid.

2. What is **Condensation?**

- a) It is the change of water from a liquid to a gas.
- b) It is the change of water from a gas to a liquid.

3. What happens when you freeze water?

- a) It expands.
- b) It shrinks.

4. When water _____, it changes from a liquid to a solid.

- a) freezes
- b) condensates
- c) evaporates
- d) melts

5. When water _____, it changes from a solid to a liquid.

- a) freezes
- b) melts
- c) evaporates
- d) condensates

6. The effect is turning ice to liquid water.

The cause is _____.

- a) adding heat
- b) taking away heat

7. The effect is turning water vapor to liquid water.

The cause is _____.

a) taking away heat

b) adding heat

8. What happens to the water when heat is taken away?

a) It condenses.

b) It evaporates.

c) It freezes.

d) It melts

9. How is the water changing?

a) It is melting.

b) It is condensing.

c) It is evaporating.



10. How are evaporation and melting alike?

a) They both make a gas form.

b) They both happen when heat is added to water.

c) They both happen when a liquid changes to a gas.

11. How are freezing and evaporation alike?

a) Both happen when heat is taken away.

b) Both start with a liquid.

c) Both happen when heat is added.

12. How does water vapor change back into water?

a) Just add heat.

b) Just take away heat.

13. What is the fastest way to evaporate water?

a) heat it on the stove

b) Leave it in the sun