

Name: _____ Class: _____ Date: _____

**1. What happens when you
boil water?**

- A. The water evaporates and changes to a gas.
- B. The water freezes and changes to a solid.
- C. The water condenses and changes to a liquid.
- D. The water does not change state.

**2. What will happen to ice
cubes if you put them in a
sunny place?**

- A. The ice cubes will freeze and turn into a solid.
- B. The ice cubes will melt and turn into liquid.
- C. The ice cubes will turn into water and boil.
- D. Nothing will happen to the ice cubes.

**3. Which will change state if you put it in the
freezer?**

- A. sand
- B. a bowl
- C. a pencil
- D. juice

4. How can you turn liquid water into a solid?

- A. Boil it on the stove.
- B. Put it in a sunny place.
- C. Keep it in the dark.
- D. Put it in the freezer.

5. What happens when matter condenses?

- A. It changes from a liquid to a gas.
- B. It changes from a gas to a liquid.
- C. It changes from a solid to a liquid.
- D. It changes from a liquid to a solid.

**6. Why do wet clothes dry
when you hang them
outside on a hot, sunny
day?**

- A. because the water in the clothes freezes
- B. because the water in the clothes melts
- C. because the water in the clothes condenses
- D. because the water in the clothes evaporates

**7. Why would a pair of
eyeglasses fog up when
brought from a cold place
to a warm place?**

- A. Water vapor condensed from the air onto the glasses.
- B. Water vapor evaporated from the air onto the glasses.
- C. Water vapor melted from the air onto the glasses.
- D. Water vapor froze from the air onto the glasses.

8. If condensation forms on the inside of a window, then:

- A. the air inside the room is warmer than the window pane
- B. the air inside the room is cooler than the window pane
- C. the air inside the room is the same temperature as the window pane
- D. the air inside the room is the same temperature as outside

9. All matter is made up of tiny particles. What are the particles like in a gas?

- A. The particles stay still in one place.
- B. The particles can change size quickly.
- C. The particles can spread out and move.
- D. The particles are closely packed together.

10. Write or draw three states of matter:

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