

VIDEO: PHASES OF MATTER

1. While you watch the video, list at least 3 examples of substances that go through a phase change.

a. _____ b. _____ c. _____

2. What are the 3 phases of matter?

a. _____ b. _____ c. _____

3. The only difference between liquid steel and solid steel is _____.

4. What does liquid water turn into when heat is added?

5. Where does heat energy from the freezer go?

6. The temperature of liquid nitrogen is _____ degrees Celsius and is in the _____ phase at room temperature.

7. _____ occurs when there is no molecule movement at all. This will never happen on Earth.

8. Molecules in a solid phase move _____, molecules in a liquid phase move _____, and molecules in a gas phase move _____.

9. Why can you pour carbon dioxide gas?

10. Gases and liquids take the shape of their container, but solids _____.

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