Name _____ Date _____ Score _____

Free sample

States of Matter

Six questions to try. Then check your answers on page 2.

Remember

Solid: keeps its shape · **liquid**: flows · **gas**: fills the space. Heating: **melt**, **evaporate**. Cooling: **freeze**, **condense**.

1 Write S, L or G.
a) a stone b) water c) air

2 Name the change: **ice → water**.

3 In which state are the particles **far apart**?

solid liquid gas

4 Fill in: Water freezes at _____ °C.

5 A puddle dries up in the sun. Where does the water go?

6 Why do drops form on a cold glass?

Name _____ Date _____ Score _____

Answers

1. **a) S b) L c) G** — A stone keeps its shape, water flows, air spreads out.
2. **melting** — Heat changes the solid into a liquid.
3. **gas** — Gas particles are far apart and move fast.
4. **0 °C** — Water freezes (and ice melts) at 0 °C.
5. **It evaporates into the air.** — It turns into water vapour, a gas.
6. **Water vapour in the air condenses.** — The vapour cools on the cold glass and turns back into liquid.

In the full pack

17 questions in 5 parts (1 · the three states of matter, 2 · particles, 3 · changes of state, 4 · everyday matter, 5 · a melting-ice fair test), a notes page with a worked example, a full answer key, a 14-slide teaching deck, and a 22-question online practice set (10 questions are free online).

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