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## 💡 Live Science Worksheet: States of Matter

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

### 1. Fill in the blanks:

- The three main states of matter are \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
- Matter changes state when \_\_\_\_\_ is added or removed.

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### 2. Match the state of matter to its property:

State of Matter	Property
a) Solid	<input type="checkbox"/> Can flow and takes container shape
b) Liquid	<input type="checkbox"/> Keeps its shape and volume
c) Gas	<input type="checkbox"/> Expands to fill any space

### Your Answers:

- a) \_\_\_\_\_ b) \_\_\_\_\_ c) \_\_\_\_\_

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### 3. Multiple Choice:

Which of the following is an example of a gas?

A. Ice     B. Steam     C. Water     D. Metal

Answer: \_\_\_\_\_

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### 4. Short Answer:

Q: What happens to the particles of a solid when it is heated and becomes a liquid?

A: \_\_\_\_\_

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**5. Try It Yourself:**

At home or in class, place an ice cube in a cup. Write what you observe over time:

**Observation:** \_\_\_\_\_

**What state change occurred?** \_\_\_\_\_

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