# States of matter

1. Put the name of each state of matter in the boxes. Use words from the list.

**gas solid liquid**

# Changes of state

1. Complete the sentences. Use words from the list.

**All broken condenses Energy evaporates freezes gas melts solid liquid**

Ice is a \_\_\_\_\_\_\_\_\_\_\_\_.

Water is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Steam is a \_\_\_\_\_\_\_\_\_\_\_\_\_.

When ice is heated, it \_\_\_\_\_\_\_\_\_\_ and becomes water.

Some bonds are \_\_\_\_\_\_\_\_\_\_\_\_.

When water is heated, it \_\_\_\_\_\_\_\_\_\_\_\_ and becomes steam.

\_\_\_\_\_\_\_\_\_\_\_\_ bonds are broken.

\_\_\_\_\_\_\_\_\_\_\_\_ is required to break bonds.

When steam is cooled, it \_\_\_\_\_\_\_\_\_\_\_\_ and becomes water.

When water is cooled, it \_\_\_\_\_\_\_\_\_\_\_\_ and becomes ice.

# State symbols

1. Draw a line from the state symbols to their states.

|  |  |
| --- | --- |
| **(s)** | **gas** |
| **(l)** | **liquid** |
| **(g)** | **solid** |
| **(aq)** | **dissolved in water** |

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