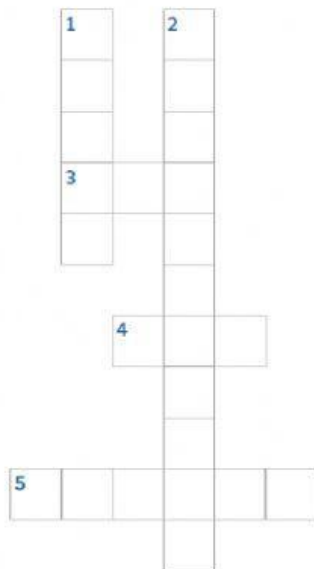


ENERGY AND MATTER

STATES OF MATTER

1. Read the clues and complete the crossword.



Across

- 3 This is water in a solid state.
- 4 Matter in this state doesn't have a definite shape or volume.
- 5 Matter in this state has a definite volume, but not a definite shape.

Down

- 1 Matter in this state has a definite shape and a definite volume.
- 2 This is water in a gas state.

2. Match to make true sentences.

- | | | | |
|------------------------------|---|---|--|
| a If we heat ice, | ● | ● | it melts and changes back into liquid water. |
| b If we heat liquid water, | ● | ● | it condenses into liquid water. |
| c If we freeze liquid water, | ● | ● | it changes into a gas called water vapour. |
| d If we cool water vapour, | ● | ● | it changes into a solid called ice. |

3. Label the changes of state.

