

NAME AND SURNAME: .....

Complete the sentences.

space – volume – matter – substances – mass

Everything around us that takes up \_\_\_\_\_ is made up of \_\_\_\_\_.

All objects have two properties: \_\_\_\_\_, which is the amount of matter in an object, and \_\_\_\_\_, which is the amount of space an object occupies. The different types of matter are called \_\_\_\_\_.

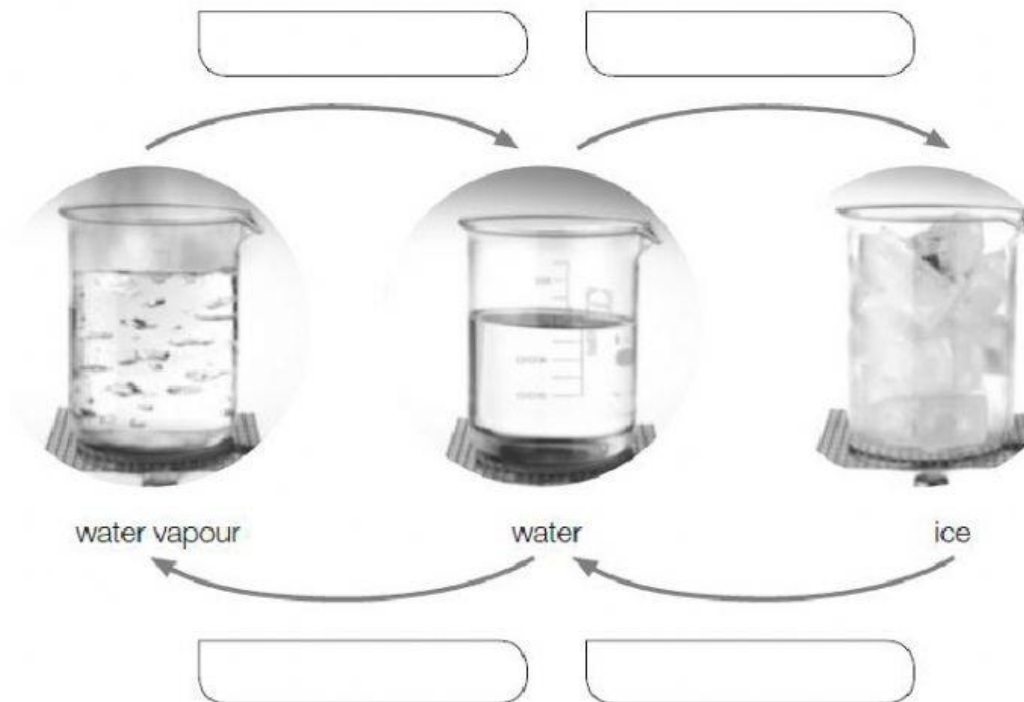
What are the three states of water? Write *solid*, *liquid* or *gas*.Write *yes* or *no* and give an example.

|         | fixed shape | fixed volume | example |
|---------|-------------|--------------|---------|
| solids  | _____       | _____        | _____   |
| liquids | _____       | _____        | _____   |
| gases   | _____       | _____        | _____   |

Use the clues to complete the changes of state.

- a. Ice changes into liquid water. \_\_\_\_\_ t \_\_\_\_\_ n \_\_\_\_\_
- b. Liquid water changes into ice. \_\_\_\_\_ l \_\_\_\_\_ f \_\_\_\_\_ a \_\_\_\_\_ i \_\_\_\_\_
- c. Liquid water changes into water vapour. \_\_\_\_\_ v \_\_\_\_\_ o \_\_\_\_\_ t \_\_\_\_\_
- d. Water vapour changes into liquid water. \_\_\_\_\_ n \_\_\_\_\_ e \_\_\_\_\_ a \_\_\_\_\_ o \_\_\_\_\_

Label the diagram.



Which photo shows a chemical change? Tick (✓).

