

REVIEW MATTER Y6



1 Write the best method to separate each mixture. Explain your answers.

water and alcohol →

water and salt →

water and sand →

2 Write the states shown in the photos. Then write *heating* or *cooling* to show what can cause the physical change.



3 Unscramble the words and complete the table.

netondonsica

glintem

bomulinasti

inopetovara

afiodsoliictin

changes of state by cooling	changes of state by heating
reverse sublimation	_____
_____	_____
_____	_____

4 Read the sentences and write *physical change* or *chemical change*.

- a. New substances are produced.
- b. They are caused by changes in temperature.
- c. Chemical reactions cause these changes.
- d. They happen when two or more substances combine.
- e. The original substance stays the same.
- f. They are irreversible changes.

5 Complete the cards about these new materials.

Eco-friendly fleece

Made from: _____

Properties: _____

Uses: _____

Recycled cotton fibre

Made from: _____

Properties: _____

Uses: _____

6 Read and write the type of chemical change.

- a. Bread dough rises.
- b. Wood transforms into smoke, ash and heat.
- c. Milk transforms into yogurt.
- d. The edges of a piece of fruit turn brown.
- e. Milk transforms into kefir.
- f. An old metal fence turns rough and brown.

