

1 Your friend Sam cannot do her homework.

Which of the following processes are reversible changes and which are non-reversible changes?

Write a tick (✓) if you think it is a reversible change and a cross (X) if you think it is non-reversible.

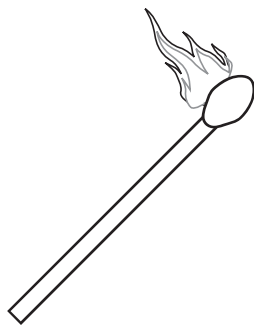
- a** A chocolate melting in your hand.
- b** A snowman melting in the sun.
- c** A bicycle going rusty.
- d** A beaker of water evaporating.
- e** A firework exploding.

2 Complete these sentences using the words below.

reversible reaction

non-reversible reaction

**a** Burning a match is an example of a .....



**b** Ice becoming water is an example of a .....



- 1 Using the words in the box below, how many sentences can you make to show what you understand by reversible and non-reversible changes?

Underline the words used from the box in each sentence you make.

heating	cooling	dissolving	melting	freezing
solid	evaporating	condensing	burning	change
reversible	non-reversible	salt	water	wood
wax	gas	steam	new material	ice

One has been started for you.

When burning wood produces new materials, this is an example of a

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- 2 Sima was copying some work from the board. Unfortunately she did not have time to complete the diagram before the teacher rubbed it off. Can you help her by labelling the diagram for her?

