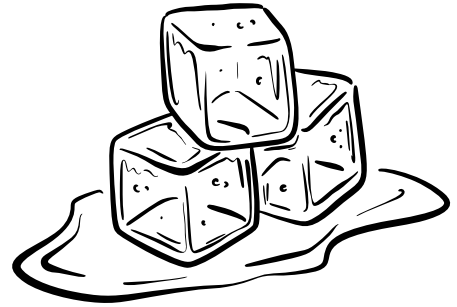


REVERSIBLE OR NOT?

When matter can return to its original state it is a reversible change.

When matter cannot return to its original state it is an irreversible change.



Decide which of the following changes are reversible or irreversible.

- | | | |
|-------------------------------------------|------------|--------------|
| 1. Butter melting on the kitchen bench. | REVERSIBLE | IRREVERSIBLE |
| 2. Rusting of an iron fence. | REVERSIBLE | IRREVERSIBLE |
| 3. Boiling an egg. | REVERSIBLE | IRREVERSIBLE |
| 4. Water evaporating as the kettle boils. | REVERSIBLE | IRREVERSIBLE |
| 5. Grinding wheat into flour. | REVERSIBLE | IRREVERSIBLE |
| 6. Burning a match to start a fire. | REVERSIBLE | IRREVERSIBLE |
| 7. Inflating a rubber balloon. | REVERSIBLE | IRREVERSIBLE |
| 8. Melting a plastic bag. | REVERSIBLE | IRREVERSIBLE |
| 9. The growth of a tomato plant. | REVERSIBLE | IRREVERSIBLE |

ANSWER KEY

1. Butter melting on the kitchen bench. REVERSIBLE IRREVERSIBLE

2. Rusting of an iron fence. REVERSIBLE IRREVERSIBLE

3. Boiling an egg. REVERSIBLE IRREVERSIBLE

4. Water evaporating as the kettle boils. REVERSIBLE IRREVERSIBLE

5. Grinding wheat into flour. REVERSIBLE IRREVERSIBLE

6. Burning a match to start a fire. REVERSIBLE IRREVERSIBLE

7. Inflating a rubber balloon. REVERSIBLE IRREVERSIBLE

8. Melting a plastic bag. REVERSIBLE IRREVERSIBLE

9. The growth of a tomato plant. REVERSIBLE IRREVERSIBLE