

Reversible and Irreversible Changes Worksheet

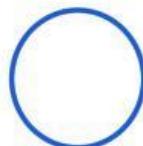


reversible

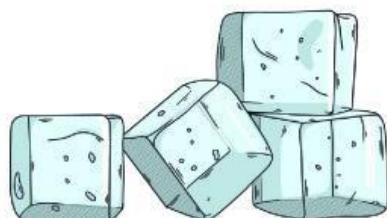


irreversible

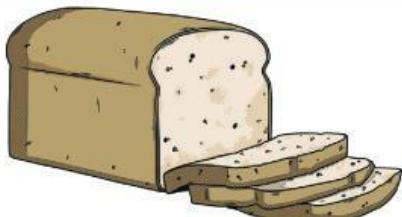
1. Using the key above, draw the correct arrow between the pictures. Fill in the blank line to indicate whether each change is reversible or irreversible.



This type of change is _____



This type of change is _____



This type of change is _____

**2. Fill in the blanks using words from the word bank.**

Reversible and _____ changes refer to _____ types of ways matter can be transformed. These terms are often used in the context of physical and chemical changes.

Reversible changes are changes that can be undone, meaning that the original substances are recoverable. For example, melting ice is a _____ change. When you heat ice, it turns into _____ and when you cool the water, it can be frozen again to form _____. Another example of a reversible change is, dissolving salt in water. You can separate the salt and water by _____ the water, leaving the _____ behind. In reversible changes no new _____ are formed.

Irreversible changes are changes that cannot be undone, meaning that the _____ substances cannot be easily recovered. For example, burning a piece of paper is an irreversible change. A _____ reaction occurs whereby the paper transforms into ash, making it _____ to revert back to its original form. In irreversible changes the chemical _____ of the substance have been altered.

Word Bank

ice	salt	water	evaporating
properties	chemical	two	reversible
original	impossible	substances	irreversible