



1. What will happen to the ice cube after 5 minutes?

2. What causes the ice cube to change?

3. What will happen if you put it back in the freezer?



Answer the questions.



mold



If we put the melted butter in a mold and in the freezer, can it change to its original form?



Can we change the broken egg to its original form?

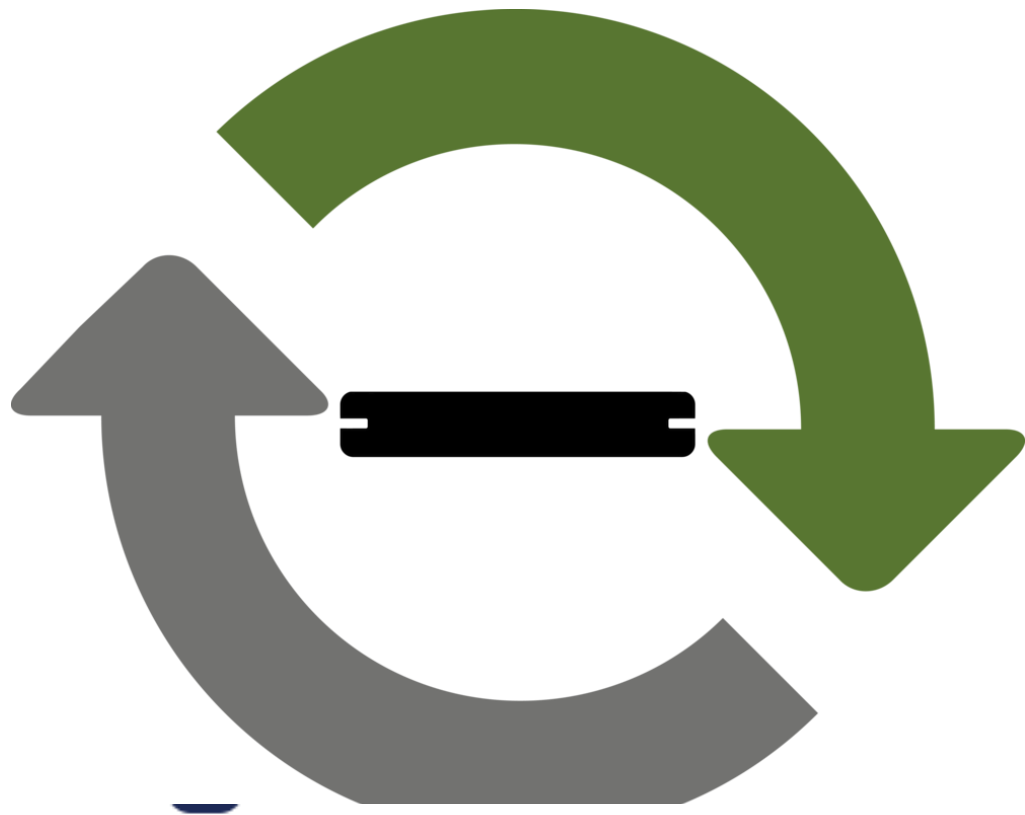




If we put the melted water
in a mold and in the freezer,
can it change to its original form?



It's a
reversible
change.



If something is reversible, it can be changed back to what it was before:

reversible



If wood burns,
can it change
to its original form?

It's an
irreversible
change.





If we dissolve the salt,
can it change
to its original form?

It's an
irreversible
change.

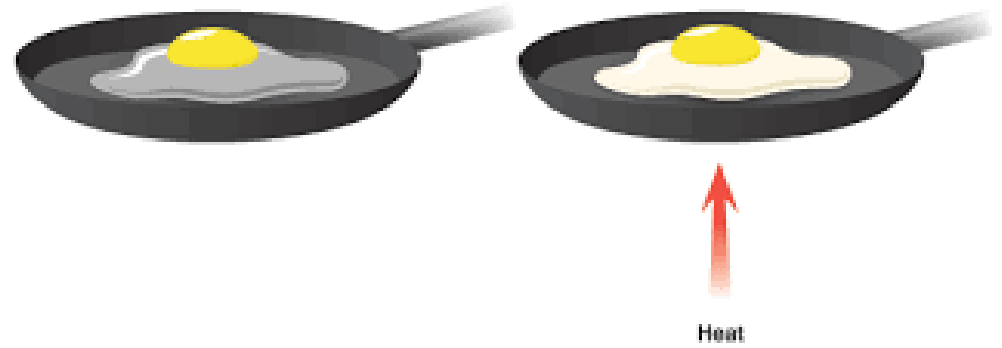
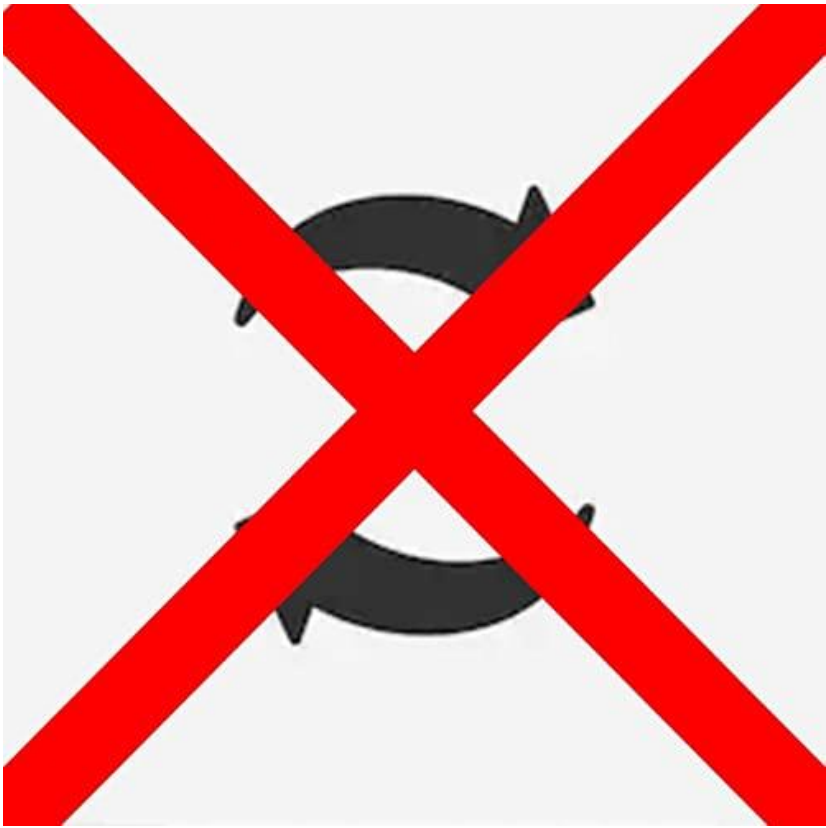




If metal rusts,
can it change
to its original form?

It's an
irreversible
change.

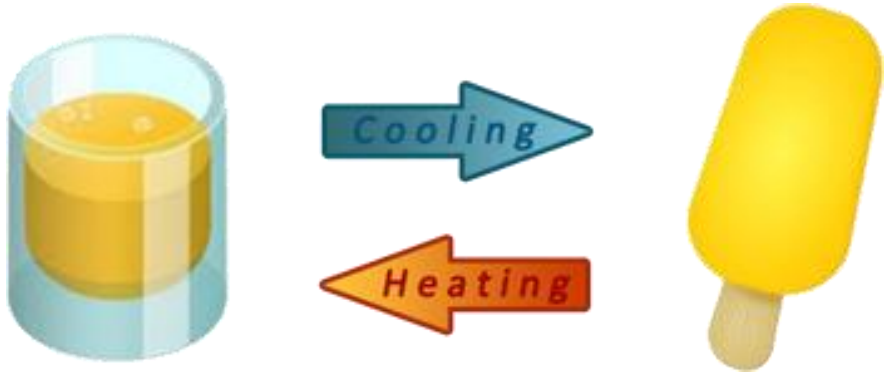
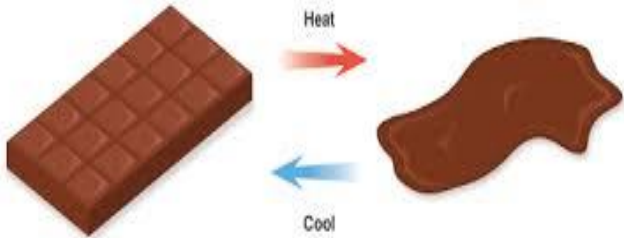
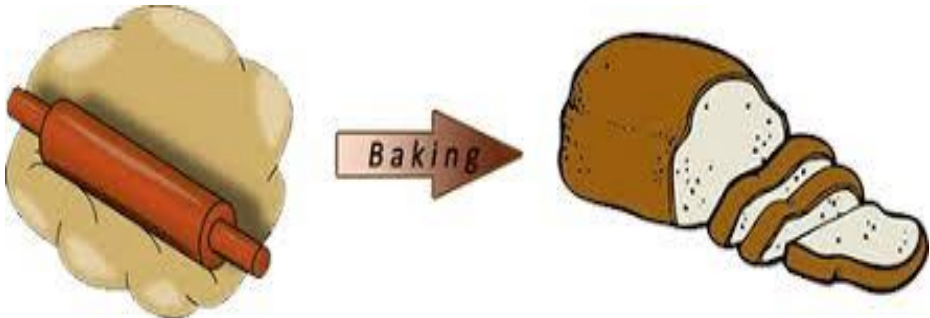




not possible to change;

irreversible

Label the pictures.



Reversible or Irreversible?



Some of these changes are reversible but some are not.
Circle the right answers.
(Find the answers on the next page.)



Burning wood

Reversible / Irreversible



Melted butter

Reversible / Irreversible



Breaking an egg

Reversible / Irreversible



Chopping a tomato

Reversible / Irreversible

For each change, write **R** for *reversible* or **I** for *irreversible*.

<p>Cooking an egg</p>  <p><input type="checkbox"/></p>	<p>Mixing cement</p>  <p><input type="checkbox"/></p>	<p>Ice melting into water</p>  <p><input type="checkbox"/></p>	<p>Burning wood</p>  <p><input type="checkbox"/></p>
<p>A puppy growing into a dog</p>  <p><input type="checkbox"/></p>	<p>Freezing juice into a popsicle</p>  <p><input type="checkbox"/></p>	<p>Blowing up a balloon</p>  <p><input type="checkbox"/></p>	<p>Fireworks exploding</p>  <p><input type="checkbox"/></p>

What's a reversible change? Exemplify.

What's an irreversible change? Exemplify.

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21st Century Schools