Name: Date: Score: / 8

Undo It or Not?: Learn and Practice

Changes you can and cannot undo

Read each question. Circle the best answer.

💡 Changes

- Heating and cooling can change materials.
- Some changes can be undone, like ice melting and freezing again.
- Some changes cannot be undone, like baking a cake or burning wood.
- melted chocolate cools and hardens again: can be undone

1 Melted chocolate is poured into a mould and cooled. What happens?

A. It hardens again B. It turns into milk
C. It burns D. It turns into flour

2 🍳 You fry an egg. Can you make it raw again?

A. Yes, by stirring B. No
C. Yes, by adding water
D. Yes, in the freezer

3 🧊 An ice cube melts into water. Can you turn it back into ice?

A. Yes, by freezing it
B. Only by stirring it C. No, never
D. Only by shaking it

4 🍫 What makes chocolate melt?

A. Heat B. Darkness C. Cold D. Wind

5 🎂 Can you turn a baked cake back into eggs and flour?

A. Yes, by cooling it
B. Yes, by adding water C. No
D. Yes, by shaking it

6 Which change can be undone?

A. Water freezing into ice
B. Paper burning
C. An egg being cooked
D. Bread turning into toast

7 🧈 What happens to butter in a hot pan?

A. It gets harder B. It turns to ice
C. It melts D. It freezes

8 🔥 Which change can NOT be undone?

A. Ice melting B. Wood burning to ash
C. Wax melting D. Water freezing

ANSWER KEY

Undo It or Not?: Learn and Practice (answers)

Changes you can and cannot undo

Read each question. Circle the best answer.

1 Melted chocolate is poured into a mould and cooled. What happens?

A. It hardens again B. It turns into milk

C. It burns D. It turns into flour

Cooling turns melted chocolate solid again. This change can be undone.

2 🍳 You fry an egg. Can you make it raw again?

A. Yes, by stirring **B. No**

C. Yes, by adding water

D. Yes, in the freezer

Cooking changes the egg for good. Cooling it will not make it raw again.

3 🧊 An ice cube melts into water. Can you turn it back into ice?

A. Yes, by freezing it

B. Only by stirring it C. No, never

D. Only by shaking it

Put the water back in the freezer and it turns into ice again. This change can be undone.

4 🍫 What makes chocolate melt?

A. Heat B. Darkness C. Cold D. Wind

Warmth from the Sun or your hand makes chocolate soften and melt.

5 🎂 Can you turn a baked cake back into eggs and flour?

A. Yes, by cooling it

B. Yes, by adding water **C. No**

D. Yes, by shaking it

Baking makes a brand new material. You cannot get the eggs and flour back.

6 Which change can be undone?

A. Water freezing into ice

B. Paper burning

C. An egg being cooked

D. Bread turning into toast

Ice can melt back into water. The other changes make something new that stays changed.

7 🧈 What happens to butter in a hot pan?

A. It gets harder B. It turns to ice

C. It melts D. It freezes

Heat makes solid butter melt into a liquid.

8 🔥 Which change can NOT be undone?

A. Ice melting **B. Wood burning to ash**

C. Wax melting D. Water freezing

Burning turns wood into ash and smoke. You can never turn ash back into wood.