

Changes and its classifications

Homework test 2

Instructions for students: Follow your teacher's instruction.
Also, you can attempt this test online and see your result.



[Solve online](#)

1. Physical change (2 m.)

State whether the statement is true or false:

- Liquids and solids don't have definite shape and volume.
 - False
 - True
- When heat is applied, liquid expand moderately.
 - True
 - False



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2. Analyse the statements about changes (4 m.)

Find whether the statement is correct or not:

- Statement:** Frequent coating of paint or grease on iron articles slower the process of melting.
 - Given statement is correct.
 - Given statement is incorrect.
- Statement:** Iron turns into rust when exposed to air and moisture in the atmosphere.
 - Given statement is incorrect.
 - Given statement is correct.
- Statement:** Catalyst is the substance that speeds up the reaction.
 - Given statement is incorrect.
 - Given statement is correct.



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3. Natural and man-made changes (6 m.)

Choose the correct answer:

- Out of these, which of the following process is not a reversible change?

- A) Burning of forests
- B) Freezing of ice cream
- C) Dissolution of salt
- D) Melting of chocolate

2. While lighting a candle, Anne observed the following changes

- (i) Wax was melting.
- (ii) Candle was burning.
- (iii) Candle size was reducing.
- (iv) Melted wax got solidified.

Out of the above changes, which is irreversible?

- A) (ii) and (iii) are reversible
 - B) All are reversible
 - C) (i) and (iii) are irreversible
 - D) (ii) and (iii) are irreversible
3. On cooling metal rim, it

- A) Breaks
- B) Contracts
- C) Gets rusted
- D) Expands

4. Which of the following is not a natural change occurring in the human body?

- A) Growth of nails
- B) Growth of hair
- C) Ageing
- D) Hair cut

4. Changes in substances (4 m.)

Match the column A with column B:

Column A	Column B
1. Changes that can be reversed to form its original shape	<ul style="list-style-type: none"> A) Irreversible change B) Reversible change C) Contraction D) Expansion
2. Changes that cannot be reversed to form its original shape	<ul style="list-style-type: none"> A) Irreversible change B) Expansion C) Contraction D) Reversible change
3. This phenomenon occurs on heating a metal	<ul style="list-style-type: none"> A) Irreversible change B) Contraction



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4. Changes in substances (4 m.)

Match the column A with column B:

Column A	Column B
1. Changes that can be reversed to form its original shape	A) Irreversible change B) Reversible change C) Contraction D) Expansion
2. Changes that cannot be reversed to form its original shape	A) Irreversible change B) Expansion C) Contraction D) Reversible change
3. This phenomenon occurs on heating a metal	A) Irreversible change B) Contraction C) Reversible change D) Expansion
4. Decrease in the size of a pipeline is a good example	A) Reversible change B) Irreversible change C) Expansion D) Contraction



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