

Changes and it's classifications

Homework test 2

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

[Attempt online and know results](#)

Topic: Changes and it's classifications

Dates: 14.10.2022 until unlimited

Question count: 4

Total marks: 16

1. Physical change (2 m.)

State whether the statement is true or false:

1. On cooling, the different states of matter contracts where their volume decreases.

- A) True
- B) False

2. When heat is applied, they expand by a small amount.

- A) False
- B) True

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

Find whether the statement is correct or not:

1. Statement: Depositing a layer of zinc on iron is known as oxidation reaction.

- A) Given statement is correct.
- B) Given statement is incorrect.

2. Statement: Mixing iron with other metals forms alloy.

- A) Given statement is correct.
- B) Given statement is incorrect.

3. Statement: Fermentation is an anaerobic process.

- A) Given statement is incorrect.
- B) Given statement is correct.

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

Select the right choice based on the questions:

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

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

2. A metal rim is attached to the wooden cartwheel by

- A) Breaking the wooden wheel
- B) Breaking the metal rim
- C) Heating metal rim
- D) Heating wooden wheel

3. On cooling metal rim, it

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

D) Expands

4. Which of the following is a natural change?

- A) Burning of fuels
- B) Cooking of food
- C) Change of seasons
- D) Melting of wax

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4. Changes in substances (4 m.)

Match the column A with column B:

Column A	Column B
1. New substances are not formed	A) Expansion B) Reversible change C) Contraction D) Irreversible change
2. Boiled egg is a good	

example

- A)** Contraction
- B)** Expansion
- C)** Reversible change
- D)** Irreversible change

3. Increase in the size of a pipeline is a good example

- A)** Expansion
- B)** Contraction
- C)** Reversible change
- D)** Irreversible change

4. Decrease in the size of a pipeline is a good example

- A)** Expansion
- B)** Contraction
- C)** Reversible change
- D)** Irreversible change

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