

Class- 6th

Subject- Science

Chapter- 6

Changes Around Us

Exercise Questions

1. To walk through a waterlogged area, you usually shorten the length of your dress by folding it. Can this change be reversed?

Ans: Yes the process can be reversed.

2. You accidentally dropped your favorite toy and broke it. This is a change you did not want. Can this change be reversed?

Ans: No, this change cannot be reversed

3. Some changes are listed in the following table. For each change, write in the blank column, whether the change can be reversed or not.

Solution :

1      No

2      Yes

3      Yes

4      No

5      No

6      No

4. A drawing sheet changes when you draw a picture on it. Can you reverse this change?

Ans: This change can be reversed if pencil is used to draw the picture. If pen or colors are used to draw the picture, change cannot be reversed.



5. Give examples to explain the difference between changes that can or cannot be reversed.

Ans: Changes that can be reversed

i) Opening and closing the door

ii) Filling glass with water

Changes that cannot be reversed

i) Conversion of milk into curd

ii) Ripening of fruit

6. A thick coating of a paste of Plaster of Paris (POP) is applied over the bandage on a fractured bone. It becomes hard on drying to keep the fractured bone immobilized. Can the change in POP be reversed?

Ans: No, the change cannot be reversed

7. A bag of cement lying in the open gets wet due to rain during the night. The next day the sun shines brightly. Do you think the changes, which have occurred in the cement, could be reversed?

Ans: No, the change cannot be reversed.

Additional Question:-

Q.1 What are the differences between reversible changes and irreversible changes?

Ans: Reversible changes:-

1. A change which can be undone or reversed.

2. It is a temporary change.

3. Melting and folding are examples of it.

Irreversible changes:-

1. A change which can not be undone or reversed.

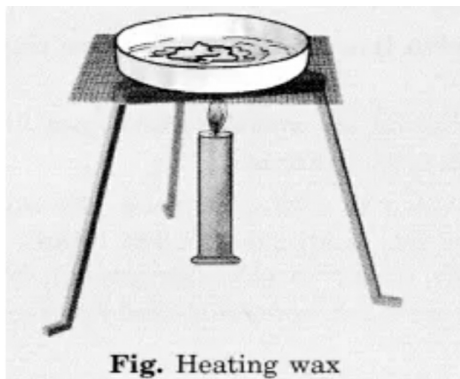
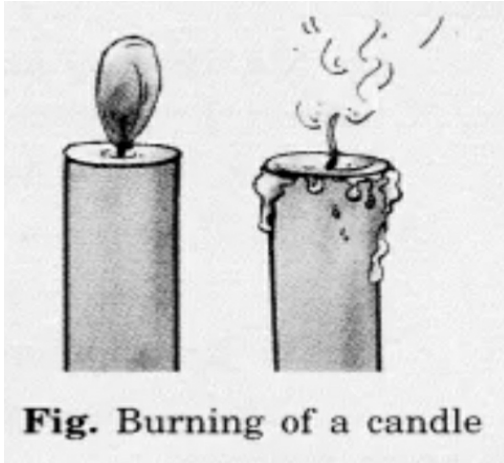
2. It is a permanent change.

3. Burning and cooking of food are examples of it.



Q.2 Can the change in the length of the candle be reversed? If we take some wax in a pan and heat it, can this change be reversed?

Ans:



No, the change in the length of the candle cannot be reversed. Yes, on heating the wax in a pan, its change into liquid form can be reversed.