

NCERT Solution
Sorting Materials into Groups

Exercise

1. Name five objects which can be made of wood?

Answer:

(1) Table (2) Chair (3) desk (4) Door. (5) Box

2. Select those objects from the following which shine?

Glass bowl, plastic toy, steel spoon, cotton shirt.

Answer; Steel spoon, and glass bowl.

3. Match the object given below with the materials from which they could be made. Remember an object could be made from more than one material and a given material could be use for making many objects.

Objects	Materials
Book	Glass
Tumbler	Wood
Chair	Paper
Toy	Leather
Shoe	Plastic

Answer:

Objects	Materials
Book	Paper
Tumbler	Glass
Chair	Wood
Toy	Plastic
Shoe	Leather

4. State whether the statements given below are True Or False.

(i) Stone transparent, while glass is opaque.

- (ii) A notebook has luster while eraser does not.
- (iii) Chalk dissolve in water.
- (iv) A piece of wood floats on water.
- (v) Sugar does not dissolve in water.
- (vii) Oil mixes with water.
- (vii) Sand settles down in water.
- (viii) Vinegar dissolve in water.

Answer:

- (i) Stone transparent, while glass is opaque. (False)
- (ii) A notebook has luster while eraser does not. (False)
- (iii) Chalk dissolve in water. (False)
- (iv) A piece of wood floats on water. (True)
- (v) Sugar does not dissolve in water. (False)
- (vii) Oil mixes with water. (False)
- (vii) Sand settles down in water. (True)
- (viii) Vinegar dissolve in water. (True)

5. Given below are the names of some objects and material:

Water, basketball, orange, sugar, globe, apple and earthen pitcher.

Group them as:

- (a) Round shaped and other shapes.
- (b) Eatables and non-eatables.

Answer. (a) Round shaped-----Basket ball, Orange, Globe.

Other shapes----- Apple.

(b) Eatables----- Water, Orange, Sugar,Apple.

Non-eatables----- Basket ball, Globe, Earthen pitcher.

6. List all items known to you that float on water. Check and see if they will float on oil or kerosene. They also float on oil or kerosene.

Answer:

- I. Plastic
- II. Balloon
- III. Feather
- IV. Paper boat
- V. Wood
- VI. Thermocole
- VII. Cane
- VIII. Boat
- IX. Hair

7. Find the odd one out from the following:

(a) Chair, Bed, Table, Baby, Cupboard

(b) Rose, Jasmine, Boat, Marigold, Lotus

(c) Aluminum, Iron, Copper, Silver, Sand

(d) Sugar, Salt, Sand, Milk, Milk Powder

Answer:

(a) Chair, Bed, Table, Baby, Cupboard ----- Baby (all of these furnitures)

(b) Rose, Jasmine, Boat, Marigold, Lotus----- Boat (all of these flowers)

(c) Aluminum, Iron, Copper, Silver, Sand ----- Sand (all of these metals)

(d) Sugar, Salt, Sand, Milk, Milk Powder----- Sand (all of these compounds)