

# NCERT SOLUTIONS

**CLASS - 6TH**



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Class : 6th  
Subject : Science  
Chapter : 4

Chapter Name : SORTING MATERIALS INTO GROUPS

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Q1 Name five objects which can be made from wood.

Answer. 1. Chair  
2. Table  
3. Sofa  
4. Pencil  
5. Door

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Q2 Select those objects from the following which shine: Glass bowl, plastic toy, steel spoon, cotton shirt.

Answer. Glass bowl and steel spoon.

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Q3 Match the objects 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 used for making many objects.

Object	Material
Book	Glass
Tumbler	Wood
Chair	Paper
Toy	Leather
Shoes	Plastics

Answer.

Object	Material
Book	Paper
Tumbler	Glass, plastic
Chair	Wood, plastic
Toy	Wood, paper, plastic
Shoes	Leather

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Q4 State whether the statements given below are True or False.

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

Answer. (i) Stone is transparent, while glass is opaque. (False)

(ii) A notebook has lustre, while an eraser does not. (False)

(iii) Chalk dissolves in water. (False)

(iv) A piece of wood floats on water. (True)

(v) Sugar does not dissolve in water. (False)

(vi) Oil mixes with water. (False) (vii) Sand settles down in water. (True)

(viii) Vinegar dissolves in water. (True)

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Q5 Given below are the names of some objects and materials: 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: Basketball, orange, globe, apple, earthen pitcher Other shapes: Water, sugar

(b) Eatables: Water, orange, sugar, apple Non-eatables: Basketball, globe, earthen pitcher

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Q6 List all items known to you that float on water. Check and see if they will float on oil or kerosene.

Answer. Some items that float on water are listed below:

1. Plastic bottle
2. Piece of paper
3. Piece of sponge
4. Piece of thermocol
5. Wood
6. Bamboo
7. Plastic ball
8. Cork

However, none of these items floats on oil or kerosene.

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Q7 Find the odd one out from the following:

- a) Chair, Bed, Table, Baby, Cupboard
- b) Rose, Jasmine, Boat, Marigold, Lotus
- c) Aluminium, Iron, Copper, Silver, Sand
- d) Sugar, Salt, Sand, Copper sulphate

Answer. (a) Baby

(b) Boat

(c) Sand

(d) Sand

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