

# NCERT solution Sorting Materials into Groups

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## Question 1

Name five objects which can be made from wood.

## Answer

1. Chair
2. Table
3. Plough,
4. Alimrah
5. Door

## Question 2

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

## Answer

Objects which shine are: Glass bowl and steel spoon.

## Question 3

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.

Objects	Materials
Book	Glass
Tumbler	Wood
Chair	Paper
Toy	Leather
Shoes	Plastics

## Answer

Objects	Materials
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Book	Paper
Tumbler	Glass
Chair	Wood
Toy	Plastics
Shoes	Leather

#### Question 4

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) False
- (ii) False
- (iii) False
- (iv) True
- (v) False
- (vi) False
- (vii) True
- (viii) True

#### Question 5

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 and other shapes:

<b>Round Shaped</b>	<b>Other Shapes</b>
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Basket Ball	Water
Orange	Apple
Globe	Sugar
Earthen Pitcher	

(b) Eatables and non eatables

Eatables	Non Eatables
Water, Orange, Sugar, Apple	Basket Ball Globe Earthen Pitcher

### Question 6

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

#### Answer:

#### Some items which can float on water

Paper strip  
Balloon  
Hair  
plastic bottle  
Wood  
Boat

A few of these like hair, balloon can float on kerosene or oil also  
Generally, substances have less density than oil and water can float.

### Question 7

Find the odd one out from the following:

- Chair, Bed, Table, Baby, Cupboard
- Rose, Jasmine, Boat, Marigold, Lotus
- Aluminum, Iron, Copper, Silver, Sand
- Sugar, Salt, Sand, Copper sulphate

#### Answer:

- Baby as rest are made up of wood
- Boat as rest of others are flowers
- Sand as rest of others are metals
- Sand as rest others are soluble in water

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