

# Class 6

## Chapter 4 Sorting materials into groups

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Q. 1. Name five objects which can be made from wood.

Ans.

- (i) Table
- (ii) Chair
- (iii) Doors

(iv) Boat

- (iv) Bed

Q.2. Select those objects from the following which shine:

Glass bowl, plastic toy, steel spoon, cotton shirt

Ans. Glass bowl and steel spoon are shining objects.

Q.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.

<i>Objects</i>	<i>Materials</i>
<i>Book</i>	<i>Glass</i>
<i>Tumbler</i>	<i>Wood</i>
<i>Chair</i>	<i>Paper</i>
<i>Toy</i>	<i>Leather</i>
<i>Shoes</i>	<i>Plastic</i>

**Ans.**

<i>Objects</i>	<i>Materials</i>
Book	Paper
Tumbler	Glass and plastic
Chair	Wood and plastic
Toy	Plastic and wood
Shoes	Leather

Q. 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.

Ans.

(i) False

(ii) False

(iii) False

(iv) True

(iv) False

(v) False

(vi) True

(vii) True

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

Water, basket ball, orange, sugar, globe, apple and earthen pitcher Group them as:

(a) Round shaped and other shapes

(b) Eatables and non-eatables

Ans.

(a) (i) Round shaped: Basket ball, apple, orange, globe, earthen pitcher.

(ii) Other shapes: Water, sugar.

(b) (i) Eatables: Water, orange, sugar and apple.

(ii) Non-eatables: Basket ball, globe and earthen pitcher.

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

Ans. (A) List of some items that float on water:

Paper

Wood

Thin plastic sheets

Wax

Ice

Thermocol

Oil

(B) List of items that float on an oil:

Paper

Plastic sheet

Wax

Thermocol

Wood

© List of items that float on kerosene:

Paper

Thermocol

Thin plastic sheet

Q. 7. Find the odd one out from the following:

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

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

© Aluminium, Iron, Copper, Silver, Sand

(c) Sugar, Salt, Sand, Copper sulphate

Ans.

(a) Baby (all others are non-living)

(b) Boat (all others are flowers)

© Sand (all others are metals)

(d) Sand (all others are soluble in water)