

CBSE Class–VI Subject Science
NCERT Solutions
(CHAPTER-04)
SORTING MATERIALS INTO GROUPS

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

Answer: Objects made from wood:

(i) Table, (ii) Chair, (iii) Bullockart, (iv) Door, (v) Wooden box.

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

Steel, Spoon, Glass bowl.

Answer: The objects which shine from the following are:

(i) Steel spoon

(ii) Glass bowl.

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 given material could be used for making many objects.

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

Answer:

Objects	Materials
Book	Paper.

Tumbler	Glass, plastic
Chair	Wood, plastic.
Toy	Glass, wood, leather, plastic
Shoes	Leather.

Question 4. State whether the statements given below are true or false:

- (i) Stone is transparent, while glass is opaque.
- (ii) A note book 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)F, (ii)F, (iii)F, (iv)T, (v)F, (vi)F, (vii)T, (viii)T

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 shaped

(b) Eatables and non-eatables.

Answer:

Round shaped	Other shaped	Eatable	Non-eatable
Basketball Orange Globe Earthen pitcher	Apple Water Sugar	Water Orange Sugar Apple	Basketball Globe Earthen pitcher

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

Answer: Items that float on water include:

(i) Plastic ball, (ii) Balloon, (iii) Feather, (iv) Matchstick, (v) Wood, (vi) Thermocole, (vii) Cane, (viii) Boat, (ix) Hair

They also float on oil or kerosene.

Question 7. 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, Milk, Milk powder.

Answer: (a) Baby, (b) Boat, (c) Sand, (d) Sand