

chapter-19 Visualising Solid Shapes

Exercise-19.1

Solution-01:-

Faces (F)	6	4	9	7
Edges (E)	12	6	16	15
Vertex (V)	8	4	9	10

Solution-02:-

(i) a) Ice cream
b) Cone
c) Cap

(ii) a) A foot Ball
b) A round apple
c) a round orange

(iii) a) A dice
b) A Book
c) A Brick & A duster

(iv) a) A circular pipe
b) A glass.
c) A circular rod.

(v) Pyramids in Egypt.

Exercise-19.2

Exercise-19.2

Solution-1:-

a → ii
b → iii
c → iv
d → i

Solution-02:-

(ii), (iv) & (vi) can be used to make cubes
(ii), (iv) & (vi) ↑

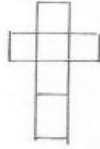
Solution-03:-

No, as the sum of the numbers on all opposite faces as 7 is not possible.

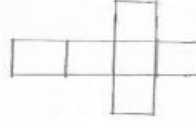
Solution-04:-

(i) & (iii) are correct nets to make a tetrahedron.

Solution-05:-



(i)



(ii)