

# 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-01:-

a → ii  
b → iii  
c → iv  
d → i

Solution-02:-

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

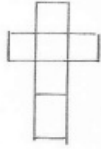
Solution-03:-

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

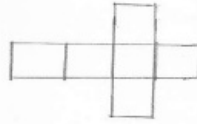
Solution-04:-

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

Solution-05:-



(i)



(ii)