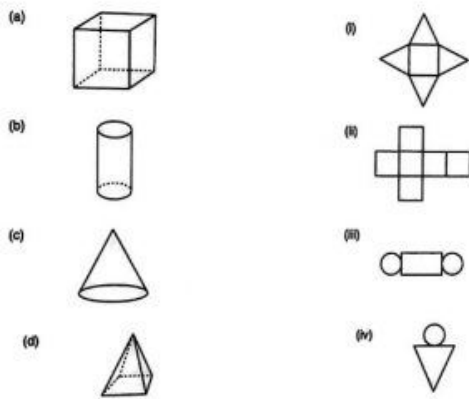


Visualising Solid Shapes Exercise 19.2

Question: 1

Match the following nets with appropriate solids:



Solution:

Here,

(a) → (ii)

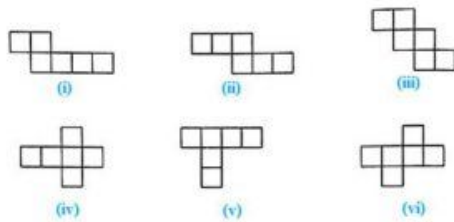
(b) → (iii)

(c) → (iv)

(d) → (i)

Question: 2

Identify the nets which can be used to make cubes (cut-out the nets and try it):

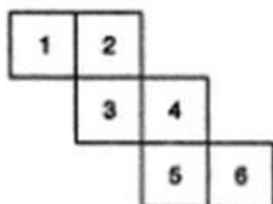


Solution:

Only (ii), (iv) and (vi) form a cube.

Question: 3

Can the following be a net for a die? Explain your answer.

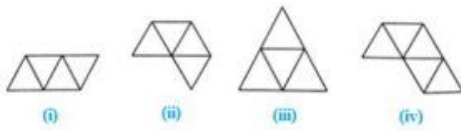


Solution:

Since, in a die, the sum of the number of opposite faces of a die is 7. In the given figure, it is not possible to get the sum as 7. Hence the given net is not suitable for a die.

Question: 4

Out of the following four nets there are two correct nets to make a tetrahedron. Identify them.

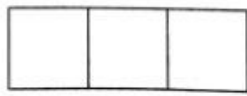


Solution:

For making a tetrahedron, only (i) and (iii) are suitable nets.

Question: 5

Here is an incomplete net for making a cube. Complete it in at least two different ways.



Solution:

The complete nets for making a cube are Images

