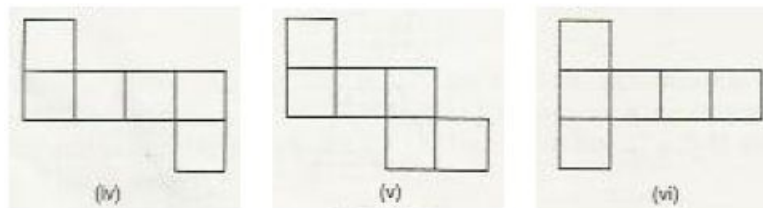




visualizing shapes Ex 19.2 Q1

Answer :

To create a cube, we need six equal faces that enclose a closed box.
In the given figure, only (iv), (v) and (vi) are such nets that enclose a box when we fold each face from the edge.

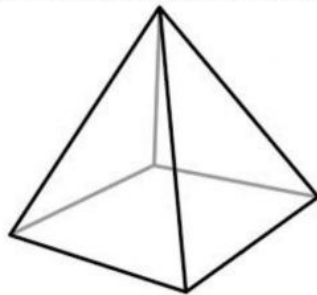


visualizing shapes Ex 19.2 Q2

Answer :

(i)

If we fold the given figure from the edges, we'll get a pyramid with a square base.



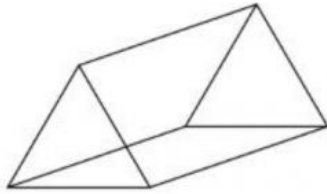
(ii)

If we fold the given polyhedron from the edges, we'll get a triangular prism.



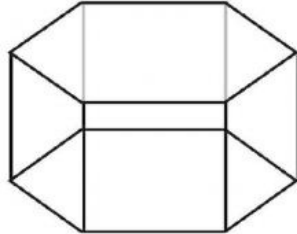
(iii)

If we fold the given polyhedron from the edges, we'll get a triangular prism.



(iv)

If we fold the given polyhedron from the edges, we'll get a hexagonal prism.



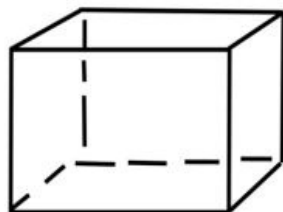
(v)

If we fold the given net from the edges, we'll get a hexagonal pyramid.



(vi)

If we fold the given net from the edges, we'll get a cuboid.

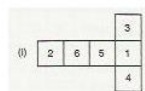


visualizing shapes Ex 19.2 Q3

Answer :

Among the given figures, only figure (i) is a dice.

This is because if we fold the given net from the edges, we'll get a cube in which the sum of t



***** END *****