

Visualising 3D-Shapes

1. Sort out the plane figures and solid figures from the following:

Cylinder, rhombus, pentagon, sphere, circle, trapezium, pyramid, hexagon.

2. Write T for true and F for false statements.

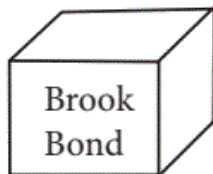
- A. A cylinder has one curved edge and two curved faces.
- B. A cone has no vertex.
- C. All sides of a cube are equal.
- D. A cuboid has six faces.
- E. A tetrahedron has 3 triangular faces and 1 rectangular face.
- F. Cylinder has three faces and two edges.

3. Fill in the blanks:

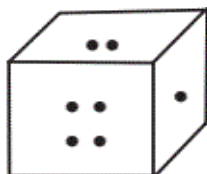
- A. A sphere has _____ curved face.
- B. A triangular pyramid is also called _____.
- C. A rectangular prism is also called a _____.
- D. A cube has _____ edges and _____ vertices.
- E. The corner where three faces of a solid meets is called its _____.

4. Identify and write the geometrical name of the following:

A.



B.



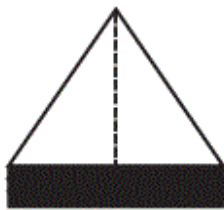
C.



D.



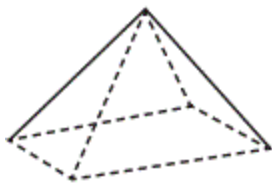
E.



F.



G.



H.



5. Match the figures (Column A) with their respective names (Column B):

Column A

Column B

A.



(i) Cone

B.



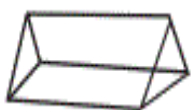
(ii) Prism

C.



(iii) Sphere

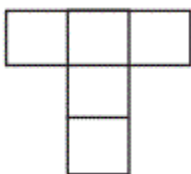
D.



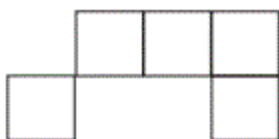
(iv) Cuboid

6. Which of the following is the net of a cube?

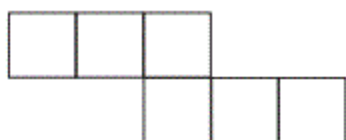
A.



B.

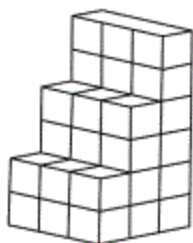


C.

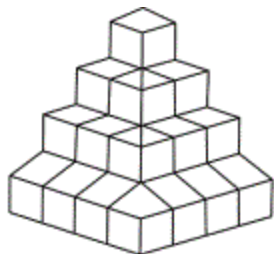


7. Determine the number of cubes in each stack in the given figure.

A.



B.



8. How many cans are there on the shelf?

