



INDIAN SCHOOL NIZWA- WORKSHEET

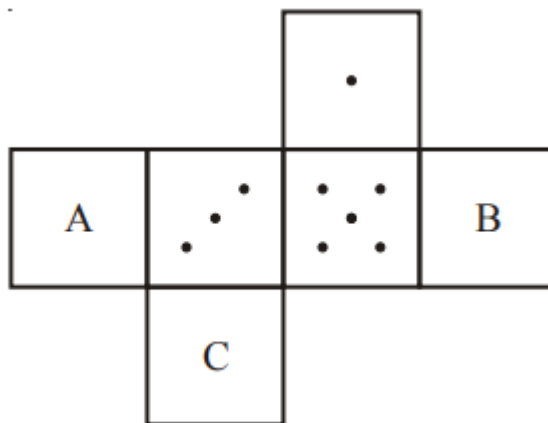
MATHEMATICS

CH 13 Visualizing Solid Shapes

Name: _____ Date: _____

Class: VII Sec:

1. Net of dice is given below, answer the following questions:



- Find the number of dots on the face C of the dice?
- Find the number of dots on the face B of the dice?
- Find the sum of dots on faces A and B in the given figure.
- What is the sum of dots on opposite faces of a die?

2. How many rectangles are therein the net of rectangular pyramid?

3. State whether the given statements are 'True' or 'False'.

- In an oblique sketch of a solid, the measurements are kept proportional.
- The measurements are of exact size in an isometric sketch.
- While sphere is a 2-D figure, circle is a 3-D figure.
- The circle, the square, the rectangle and the triangle are example of plane figures.

4. Fill up the blanks:

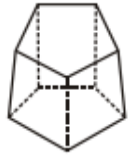

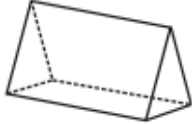

- The solid with one circular face, one curved surface and one vertex is called _____



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- (ii) Total number of edges of a cylinder are
- (iii) A solid with no vertex is
- (iv) The common portion of two adjacent faces of a cuboid is called

5. Complete the following table :

Figure	No. of Faces	No. of Edges	No. of Vertices
(i) 
(ii) 
(iii) 
(iv) 

6. From the above figure answer the following questions:

- (i) Which edge is the intersection of faces EFGH and EFBA?
- (ii) Which faces intersect at edge FB?
- (iii) Give all the edges that are perpendicular to edge AB.
- (iv) Give four points that do not lie in the same plane.

