sns academy

an International CBSE Finger Print School
Coimbatore

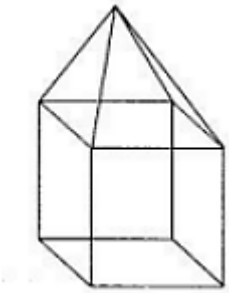
**Name :** **Date :**

**Grade : VII** **Worksheet** **Submission Date :**

**Subject : Math** **Parent's sign :**

## Visualising Solid Shapes

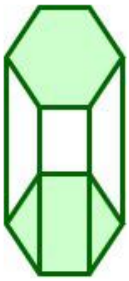
1. Find the number of edges, vertices and faces for the following figures:



i. Edges----------

ii. Vertices----------

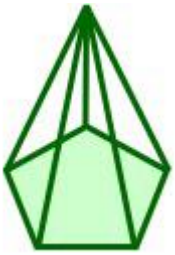
iii. Faces----------



i. Edges----------

ii. Vertices----------

iii. Faces----------



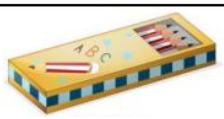
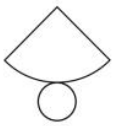
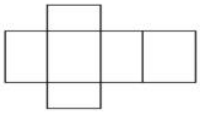
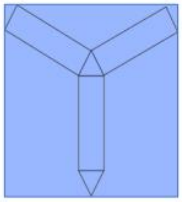
i. Edges----------

ii. Vertices----------

iii. Faces----------

2. Match the items with the net of their boxes.

(a)

| | Item | | Net |
|---|---|---|---|
| i |  | A |  |
| ii | | B |  |
| iii | | C |  |

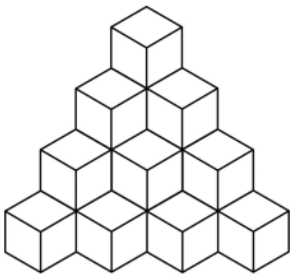
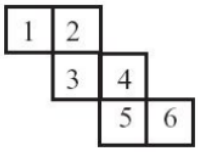
(b) Complete the following table.

| Item | No. of Vertices | No. of Faces |
|---|---|---|
| Toblerone Chocolate bar | | |
| Rubik's Cube | 8 | |
| Ice-Cream Cone | | |

(c) How many Rubik's cubes of side 8cm does Chintu need to make a bigger cube of size 16cm?

(d) Draw a net for the Rubik's Cube

3. How many cubes will be needed for the following arrangement



4. Can this be a net for a die? Explain your answer