



GOOD MORNING

- **IN THIS PRESENTAION WE WILL
LEARN ABOUT PROPERTIES OF 3D
SHAPES.**

BUILDING WITH BRICKS



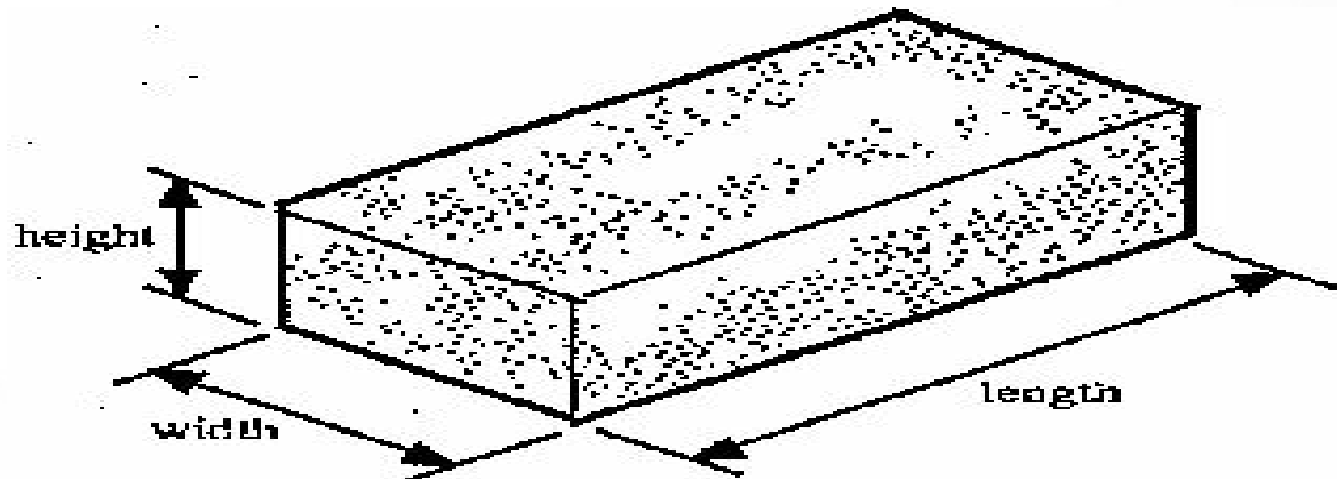
DEAR CHILDREN, WE HAVE ALREADY
LEARNED HOW BRICKS ARE MADE AND
SOME FLOOR PATTERNS USING
BRICKS.

Today, Let's learn something new about
bricks

some important points:



1. Brick is a 3D cuboid shape i.e it has 3 dimensions . (Length, Width, Height)



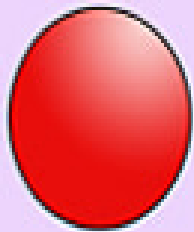
2 . We can say 3D shapes have some thickness and they are solid shapes as well.

3D SHAPES IN REAL LIFE



NAME OF SOME 3D SHAPES

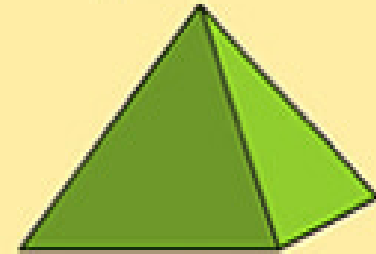
Sphere



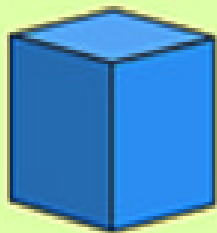
Cylinder



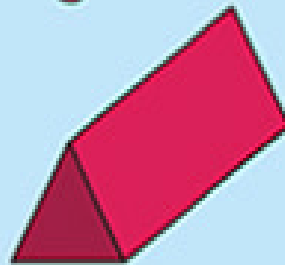
Pyramid



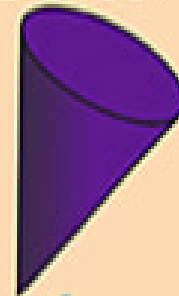
Cube



Triangular Prism

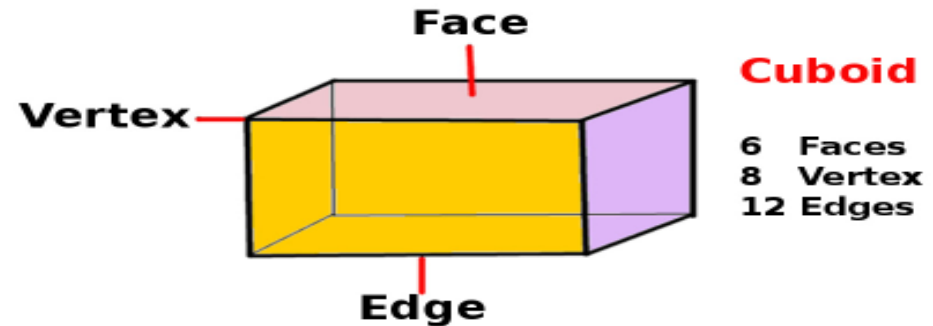


Cone



DO YOU KNOW ?

Brick (cuboid) has 6 **faces**, 12 **edges** and 8 **vertices** .



FACE - Flat or curved surface is called face.

EDGE - Where two surface meet . An edge can be straight or curved.

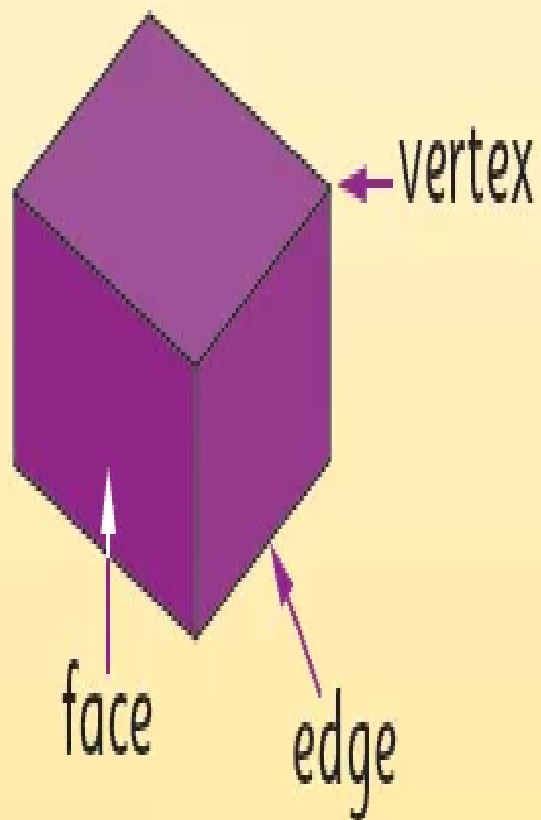
VERTEX (CORNER) - Where two or more edges meet at a point ..

(Note - Plural of vertex is called vertices)

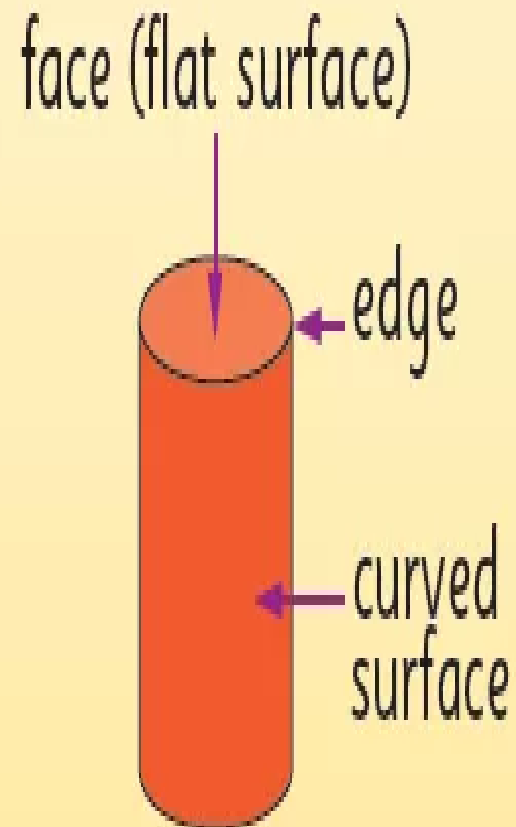
SOME EXAMPLES WITH FACES, VERTICES, & EDGES



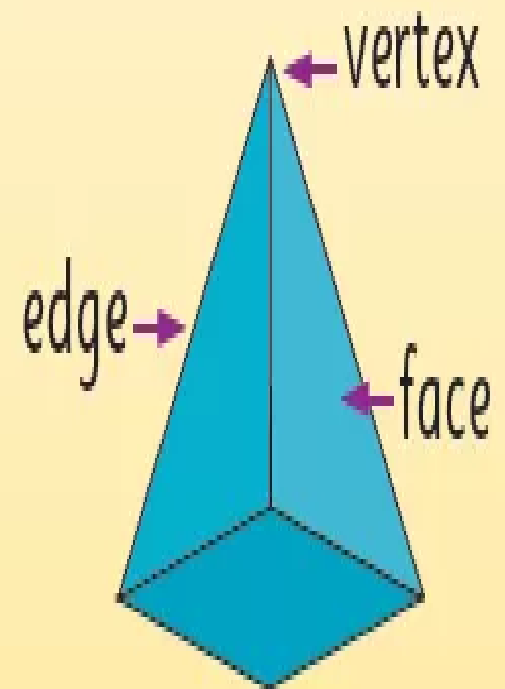
(a) Cuboid



(b) Cylinder

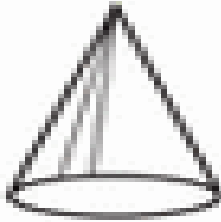


(c) Square pyramid

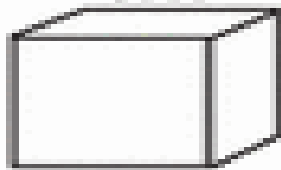


Match the following shapes with suitable objects

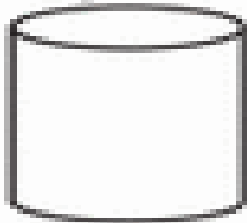
Cone



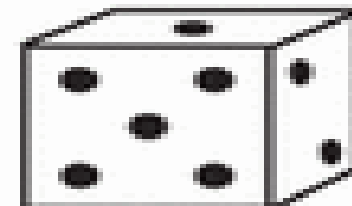
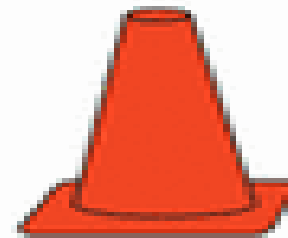
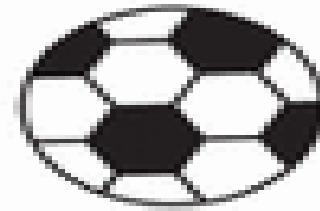
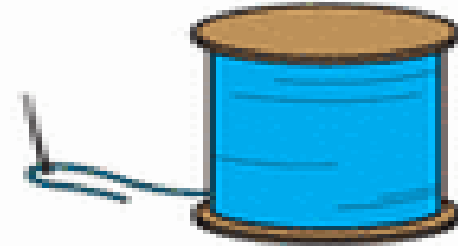
Cube



Cylinder



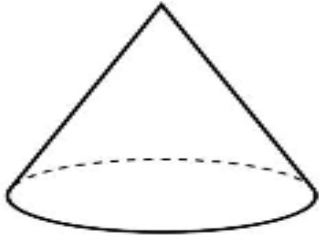
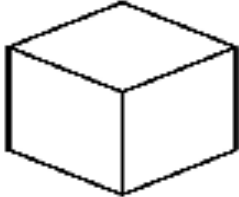
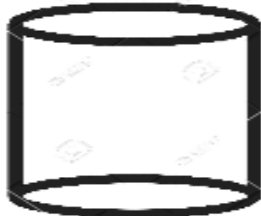
Sphere



LET'S KNOW -

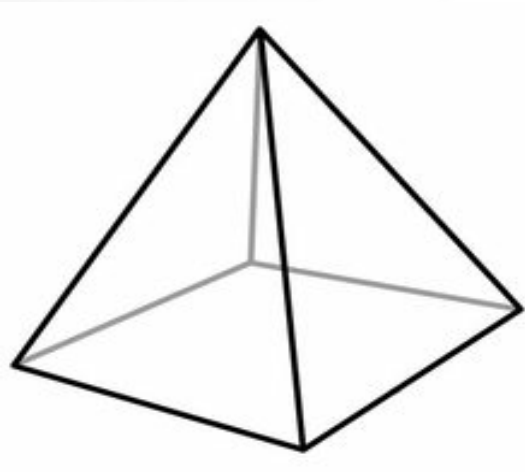
Number of Faces, Edges ,Vertices for 3D Shapes .



<u>shapes</u>			
FACES	2 (1 flat) (1 curved)	6 (6 flat)	3 (2 flat) (1 curved)
EDGES	1 (curved)	12 (straight)	2 (curved)
VERTICES	1	8	0

LET' S PRACTICE

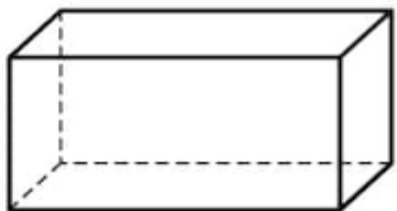
- Write down name of shapes and number of faces, edges, vertices.



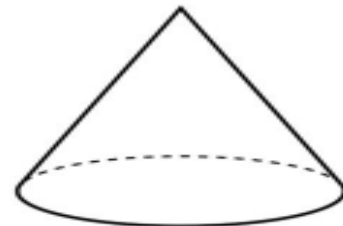
NAME -
F -
E -
V -



NAME -
F -
E -
V -



NAME -
F -
E -
V -



NAME -
F -
E -
V -

- 
- Dear children, I hope you all enjoyed and also understood easily. In case u have any doubt then read it once again.

Credits

- NCERT
- GOOGLE PHOTOS
- RECORDED USING POWERPOINT

- KAVITA
- PRT
- KV AFS YELAHANKA, BENGALURU

