

Chapter- 12

Geometry

STUDY NOTES

LEARNING OBJECTIVE: Enable the learners to know about:

- Flat shapes
- Solid Shapes

What is a shape?

Shape is the outer layer of an object. Shapes can be plane and solid.

Shapes around us:



PLANE SHAPES:

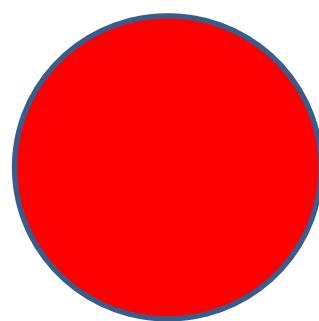
Plane shapes are flat figures.

CIRCLE:

It is a circle.

It is round.

It has no corners and no sides.

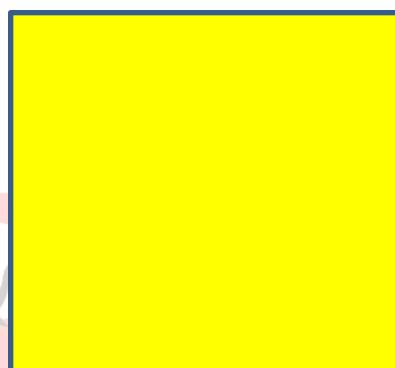


Example :**SQUARE**

It is a square.

It has 4 equal sides.

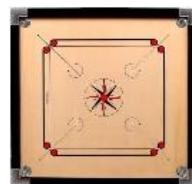
It has 4 corners

**EXAMPLE:**

Changing your Tomorrow



⋮

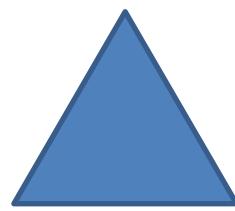


TRIANGLE :

This is a Triangle.

It has 3 sides.

It has 3 corner



Example :



RECTANGLE :

This is a rectangle.

It's two opposite sides are equal.

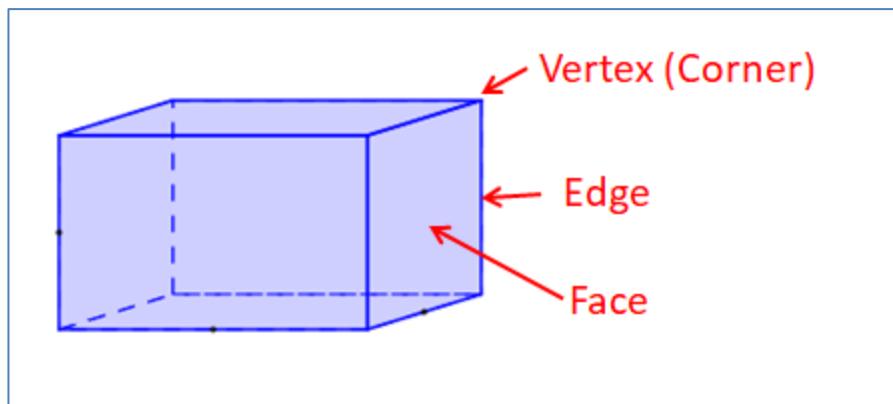
It has four corners.

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Changing yo



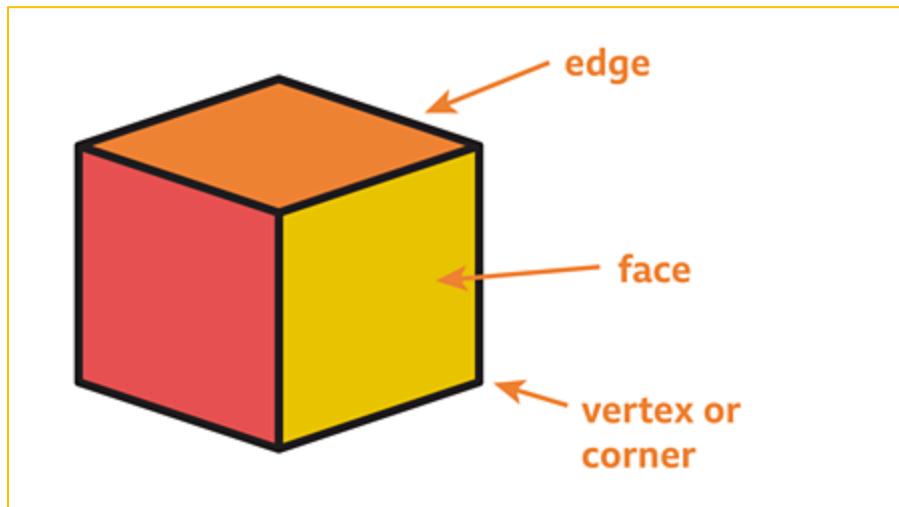
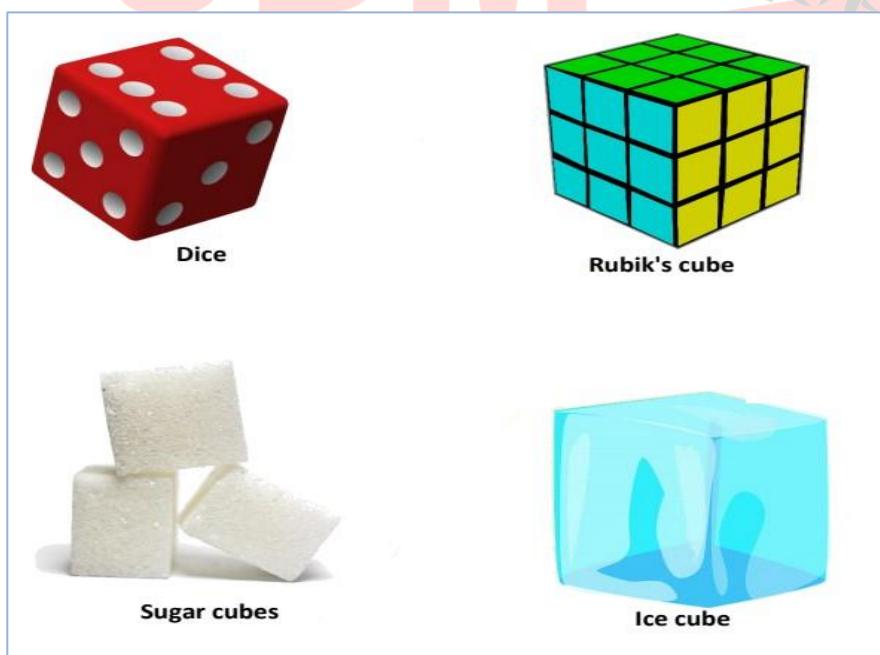
Example :



SOLID SHAPES:**CUBOID :**

Examples:

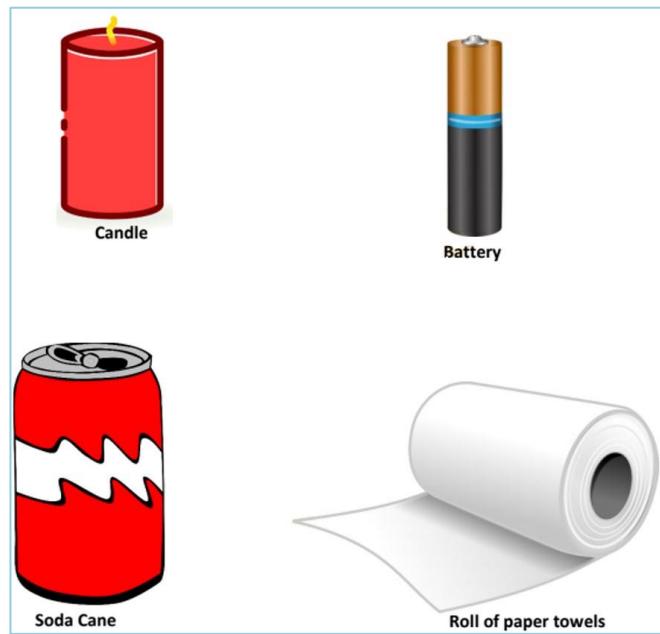
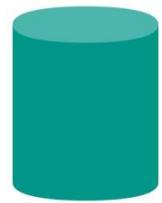


CUBE:**Examples:**

Both Cuboid and Cube have 8 vertices, 12 edges and 6 faces.

Cylinder:

It looks like a candle.



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Cone:

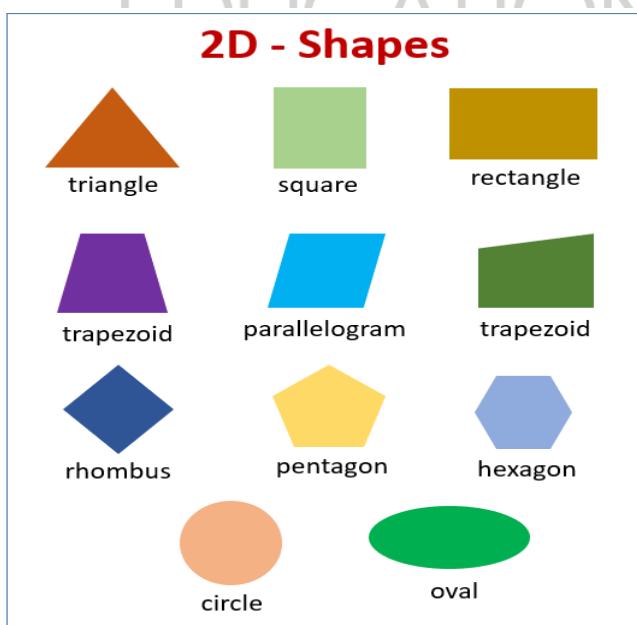
Changing your Tomorrow

It is like birthday cap.

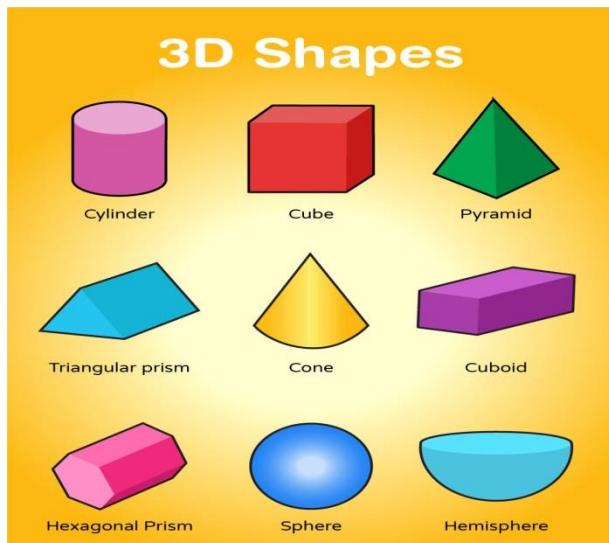


Sphere:

It look like a ball.

Example:**Different 2-D shapes :**

Different 3-D shapes :



MIND MAP

