

SESSION :8

CLASS : I

SUBJECT : MATHEMATICS

CHAPTER NUMBER: 12

CHAPTER NAME : GEOMETRY

SUBTOPIC : SOLID SHAPES(BOOK PAGE 117)

CHANGING YOUR TOMORROW

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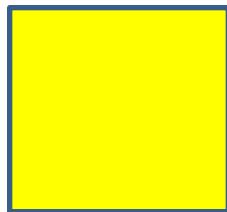
CHAPTER- 12

GEOMETRY

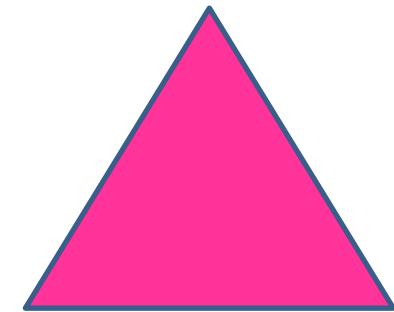
TODAY'S TOPIC:

- ❖ SPHERE
- ❖ CUBE
- ❖ CUBOID
- ❖ CYLINDER
- ❖ CONE

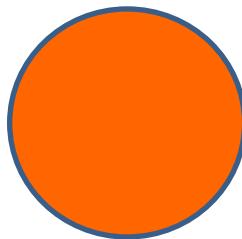
CAN YOU RECOGNISE THESE PLANE SHAPES?



SQUARE



RECTANGLE



CIRCLE



TRIANGLE

WHO AM I ?

I have 2 long and 2 short sides.

RECTANGLE

I have no corners .

CIRCLE

I have 3 sides and 3 corners.

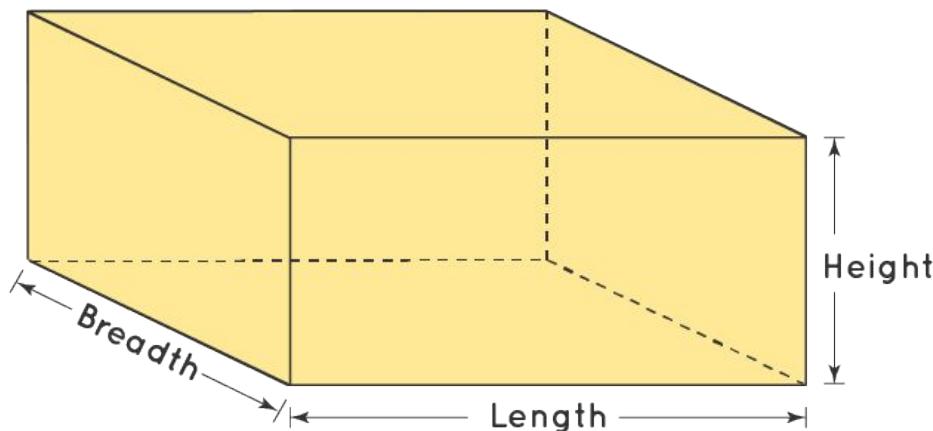
TRIANGLE

I have 4 equal sides.

SQUARE

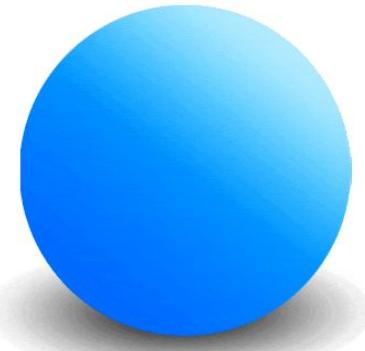
SOLID SHAPES

- Solid shapes are nothing but solids that consist of 3 dimensions, namely **length, breadth, and height**.
- Solid shapes are also known as **3D shapes**.
- These solid shapes occupy space and are found in our day-to-day life.
- We touch, feel, and use them.
- In this fun lesson, you can check out some interactive examples to know more about these shapes



SOLID SHAPES

Sphere

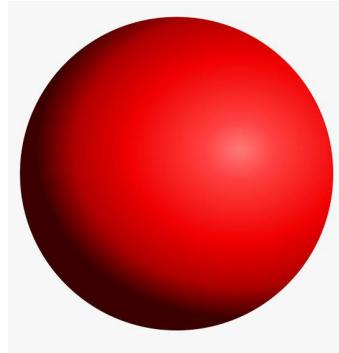


A ball – like shape is called a sphere. It has only one face. It has no edges and no corners.

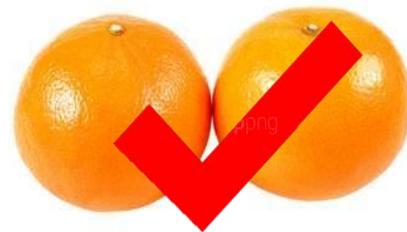
Examples:



SPHERE

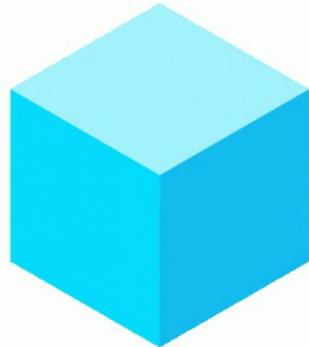


THE RELATED OBJECTS.



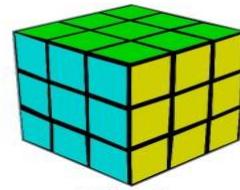
SOLID SHAPES

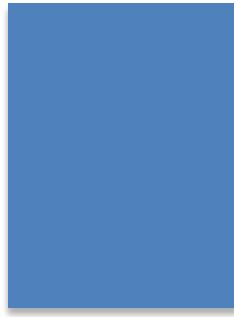
Cube



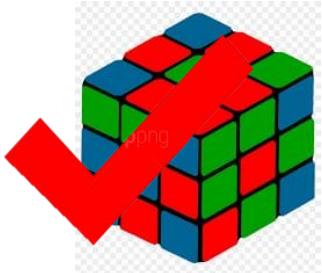
A dice – shaped object is called a cube. It has 6 equal faces. It has all sides equal

Examples:



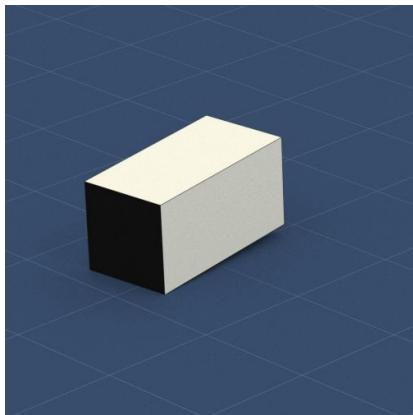


TIC  THE RELATED OBJECTS.



SOLID SHAPES

Cuboid

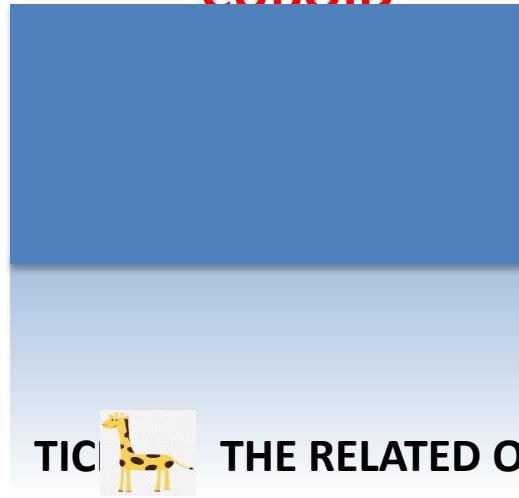


A box – shaped object is called a cuboid. It has 6 equal faces. It has its opposite sides equal.

Examples:



CUBOID

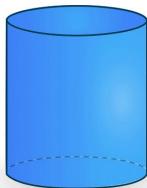


TICK THE RELATED OBJECTS.

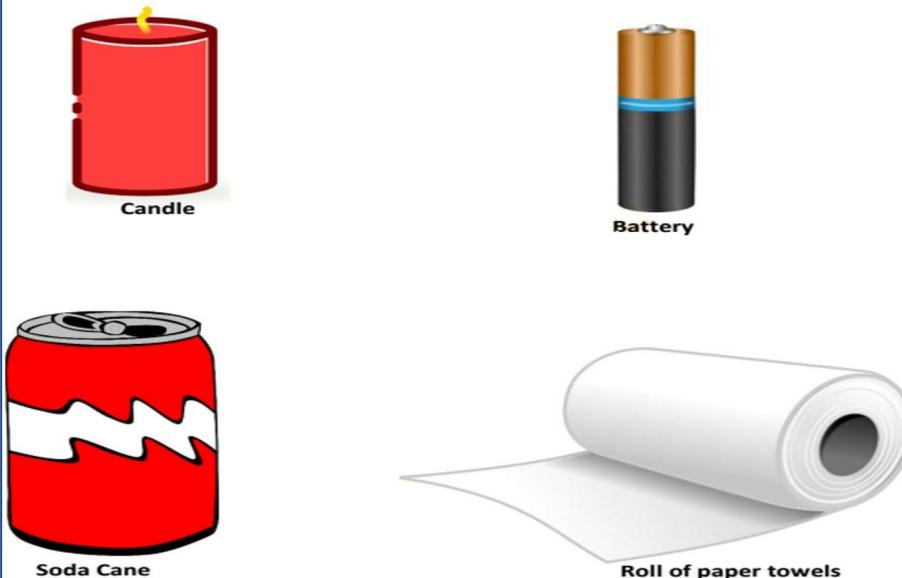


SOLID SHAPES

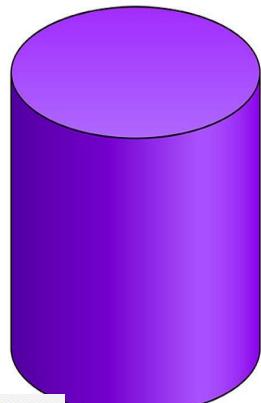
Cylinder



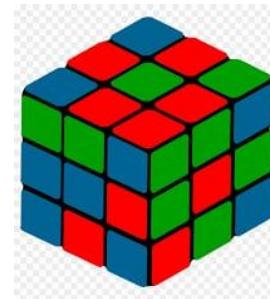
A candle – shaped object is called a cylinder. It has 3 faces.



CYLINDER

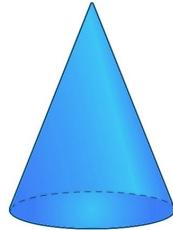


TIC  THE RELATED OBJECTS.



SOLID SHAPES

Cone

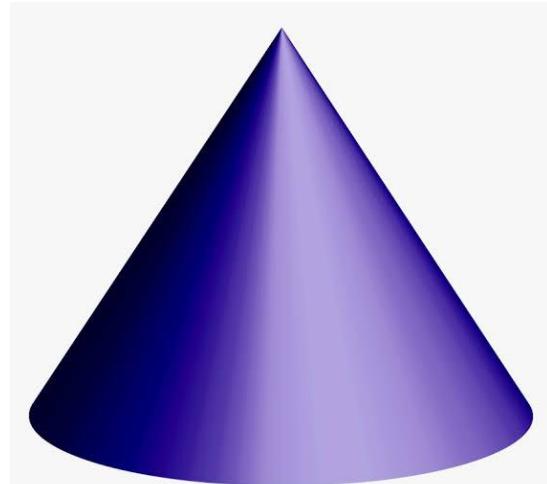


An ice-cream cone – shaped object is called a cone. It has 2 faces.

Examples:



CONE



TICI 

THE RELATED OBJECTS.



Exercise

1. Name the shapes of the following solids.



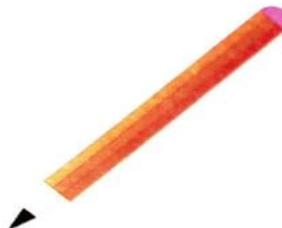
Sphere



Cuboid



Cube



Cylinder



Cone



Sphere

TODAY'S CLASS WORK

2. Give two examples of each of the following solids.

A cube **Gift box ,ludo dice**.....

A sphere **Ball, Orange**.....

A cone **Party hat, traffic cone**.....

A cuboid **Pencil box, Shoe box**.....

A cylinder **Gas cylinder, battery**.....

LEARNING OUTCOME :



The learners are now able to understand and identify different solid shapes.

**THANKING YOU
ODM EDUCATIONAL GROUP**