SESSION :8
CLASS : I
SUBJECT : MATHEMATICS
CHAPTER NUMBER: 12
CHAPTER NAME : GEOMETRY
SUBTOPIC : SOLID SHAPES(BOOK PAGE 117)

LEARNING OBJECTIVE :

Enable the learners
to know about different solid
shapes.

1   @Format for content and slide heading is missing? Just like you have mentioned in DOC., We need to specify, for each slide's heading and text content, what will be the font style +amanrouniyar@odmegroup.org
         Assigned to you
         -Swoyan Satyendu
         , 17-06-2020
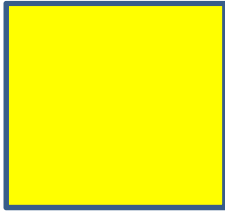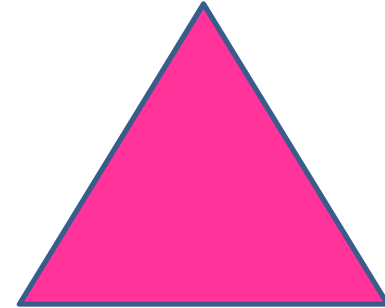
TODAY'S TOPIC:

❖ **SPHERE**

❖ **CUBE**

❖ **CUBOID**

❖ **CYLINDER**

❖ **CONE**

CAN YOU RECOGNISE THESE PLANE SHAPES?

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Changing your Tomorrow
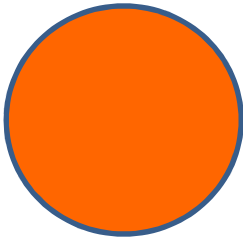
SQUARE

RECTANGLE

CIRCLE

TRIANGLE

I have 2 long and 2 short sides.

RECTANGLE

I have no corners .

CIRCLE

I have 3 sides and 3 corners.
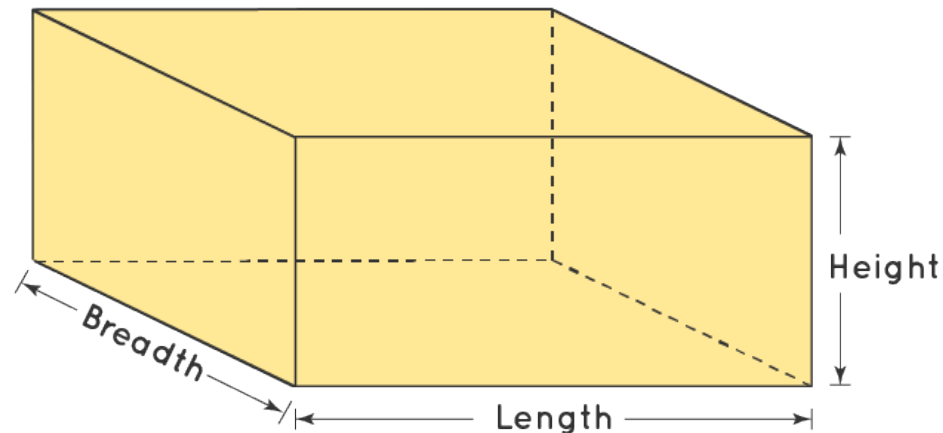
TRIANGLE

I have 4 equal sides.

SQUARE

- ➢ Solid shapes 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
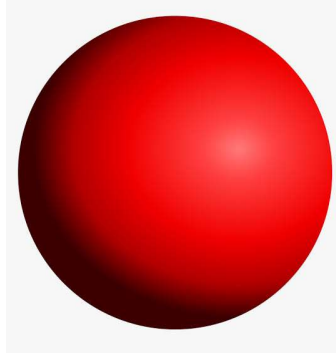
SOLID SHAPES

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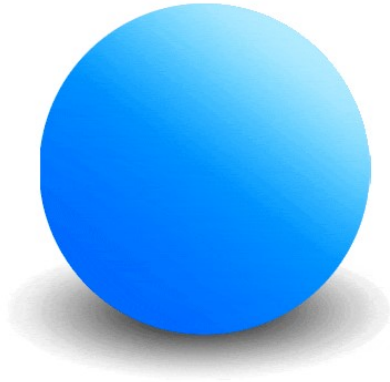
A ball – like shape is called a sphere. It has only one face. It has no edges and no corners.
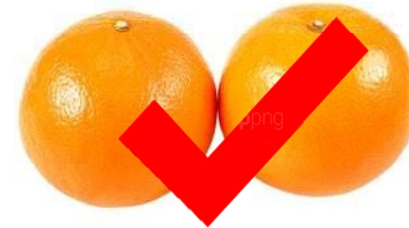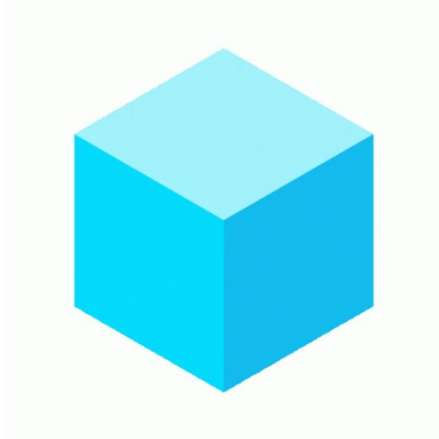
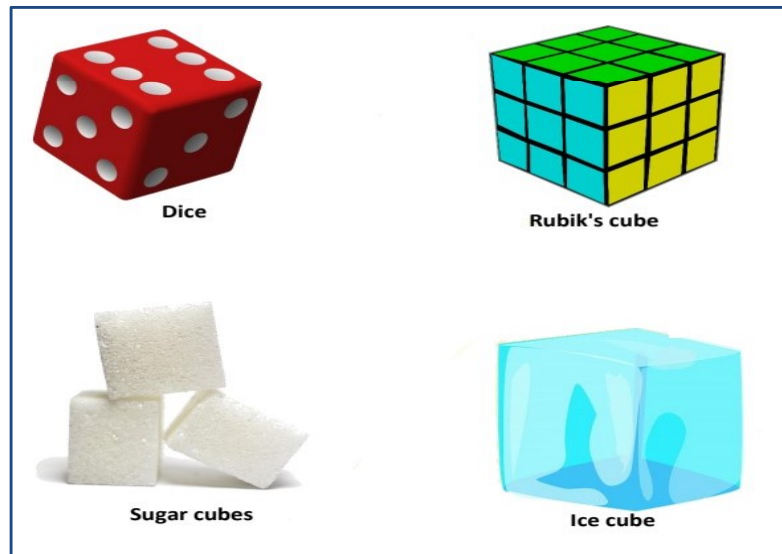**Examples:**

SPHERE

TICK THE RELATED OBJECTS.

Cube

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

Examples:

Dice

Rubik's cube

Sugar cubes

Ice cube

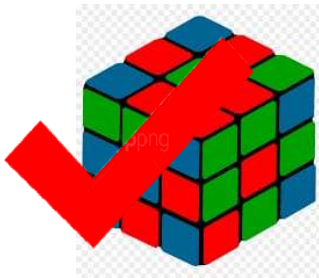# CUBE
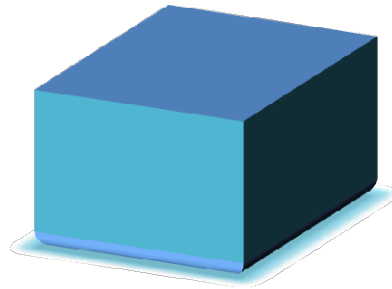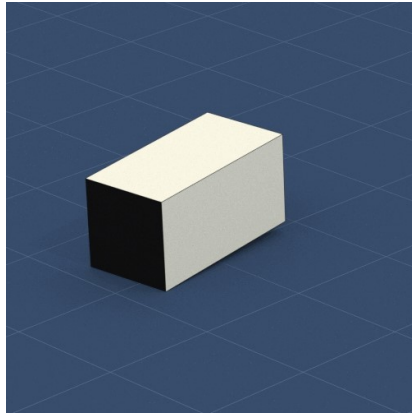

TICK THE RELATED OBJECTS.

Cuboid

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

Examples:

CUBOID
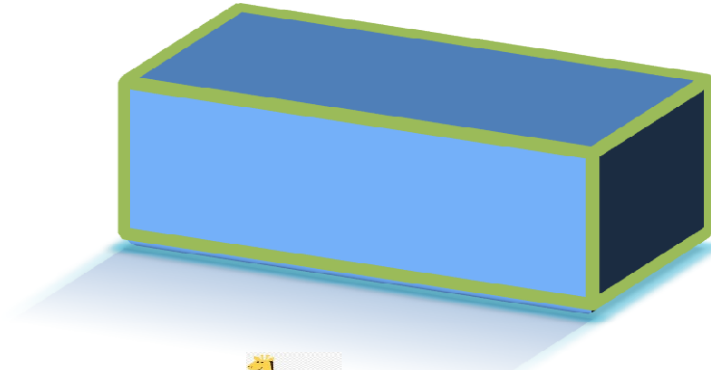
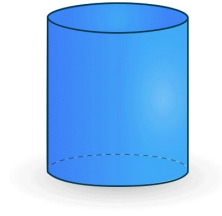## TICK 🦒 THE RELATED OBJECTS.

Cylinder

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

Examples:

Candle

Battery

Soda Cane

Roll of paper towels
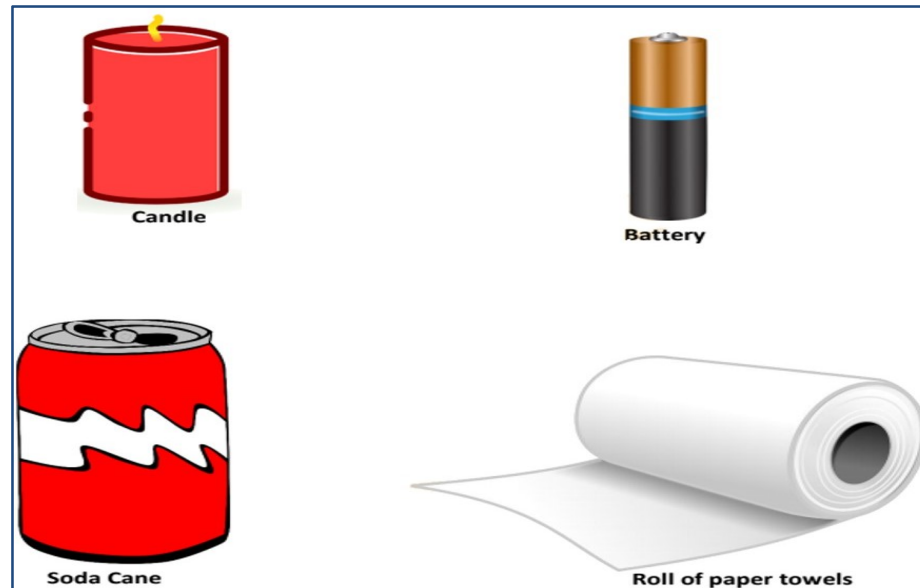
CYLINDER
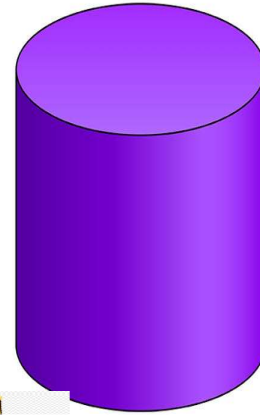
TICK THE RELATED OBJECTS.

Cone

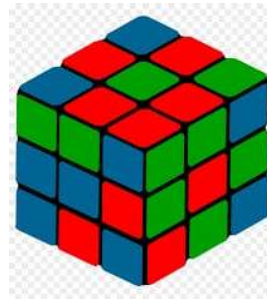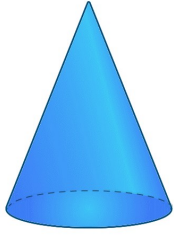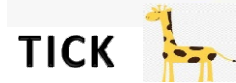An ice-cream cone – shaped object is called a cone. It has 2 faces.

Examples:

CONE

TICK THE RELATED OBJECTS.

TODAY'S CLASS WORK (IN NOTE BOOK)

Exercise

1. Name the shapes of the following solids.

Sphere

Cuboid

Cube
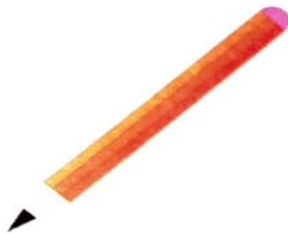
Cylinder

Cone

Sphere

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 ....

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WHAT YOU HAVE LEARNT?

❖   **SPHERE**   ⟶   **It's like a ball. It has one face. It has no edges and no corners.**

❖   **CUBE**   ⟶   **It's look like a dice. It has 6 faces. It has all sides equal.**

❖   **CUBOID**   ⟶   **It's shape is like a box. It has 6 faces. Its opposite sides are equal.**

❖   **CYLINDER**   ⟶   **It's shape is like a candle. It has 3 faces.**

❖   **CONE**   ⟶   **It's shape is like an ice cream cone. It has 2 faces**

SUB	HOME ASSIGNMENT
Mathematics	Cut and paste pictures of 4 plane and 4 solid shapes. Write the names of the shapes.(In note book)

LEARNING OUTCOME :

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

2
@Format for content and slide heading is missing? Just like you have mentioned in DOC., We need to specify, for each slide's heading and text content, what will be the font style +amanrouniyar@odmegroup.org
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THANKING YOU
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