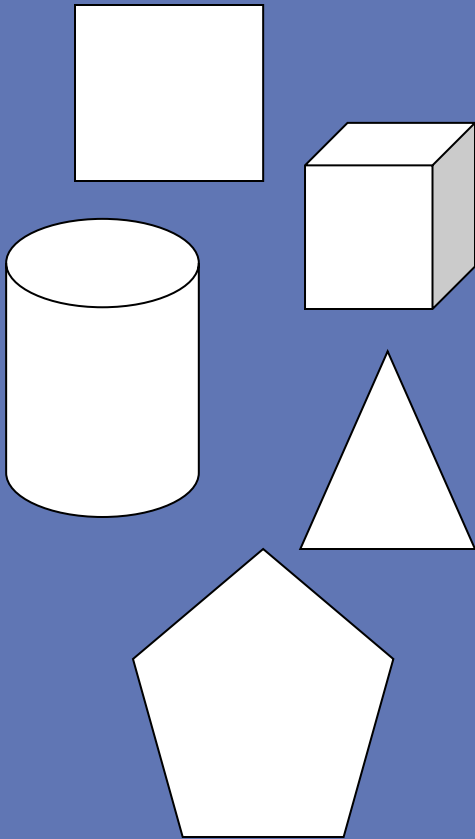


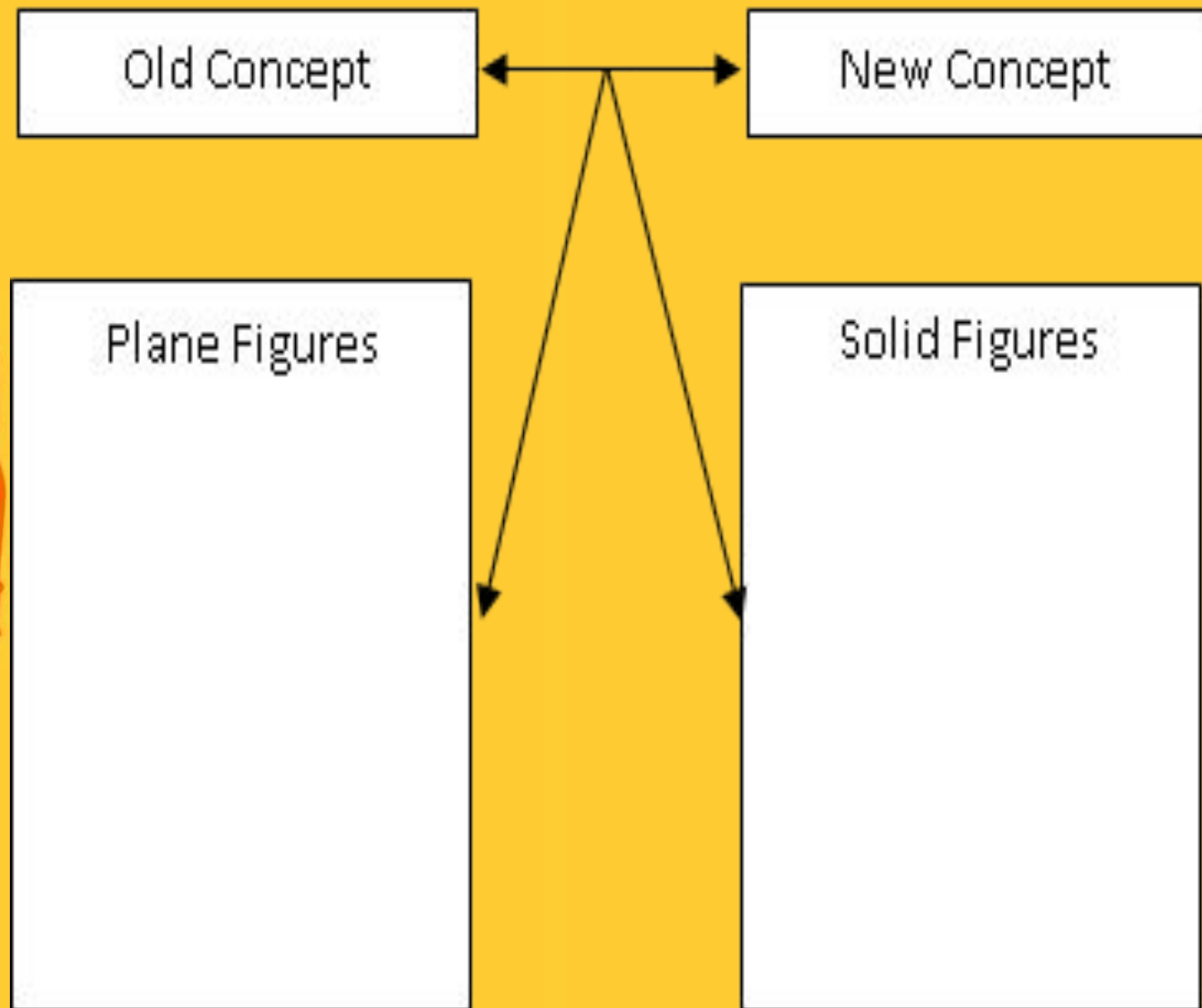
# **Solid Figures Around Us**

Prepared by:



Given Figures	Two-Dimensional Figures	Three-Dimensional Figures
 <p>A collection of five geometric figures: a square, a cylinder, a cube, a triangle, and a pentagon.</p>		

Analogy Graphic Organizer, fill in the boxes that correspond to the characteristics of each group of geometric shapes.



Parts of the  
Robot

Spatial  
Figures

Represented

Ex.: cube

Rectangular  
prism

Head

Body

Arms

Legs

Feet

Hands

Mouth

Nose


Eyes

Ears




Bring the pupils outside the classroom like in the Math Garden.

Observe the surroundings and jot down in their notebook different solid figures they see. Tabulate their answers.



Object	Solid Figure Represented
Roof of the room	Triangular Prism
Garden Post	Cylinder

A stylized orange silhouette of a Saiyan character, likely Goku, is positioned on the left side of the image. The character has spiky hair and is wearing a traditional Saiyan battle suit. A speech bubble originates from the character's head, pointing towards the text on the right.

Tell whether each  
object is a cube,  
prism, pyramid,  
cylinder, cone, and  
sphere.

# Pyramid



cube



cone



cylinder





sphere

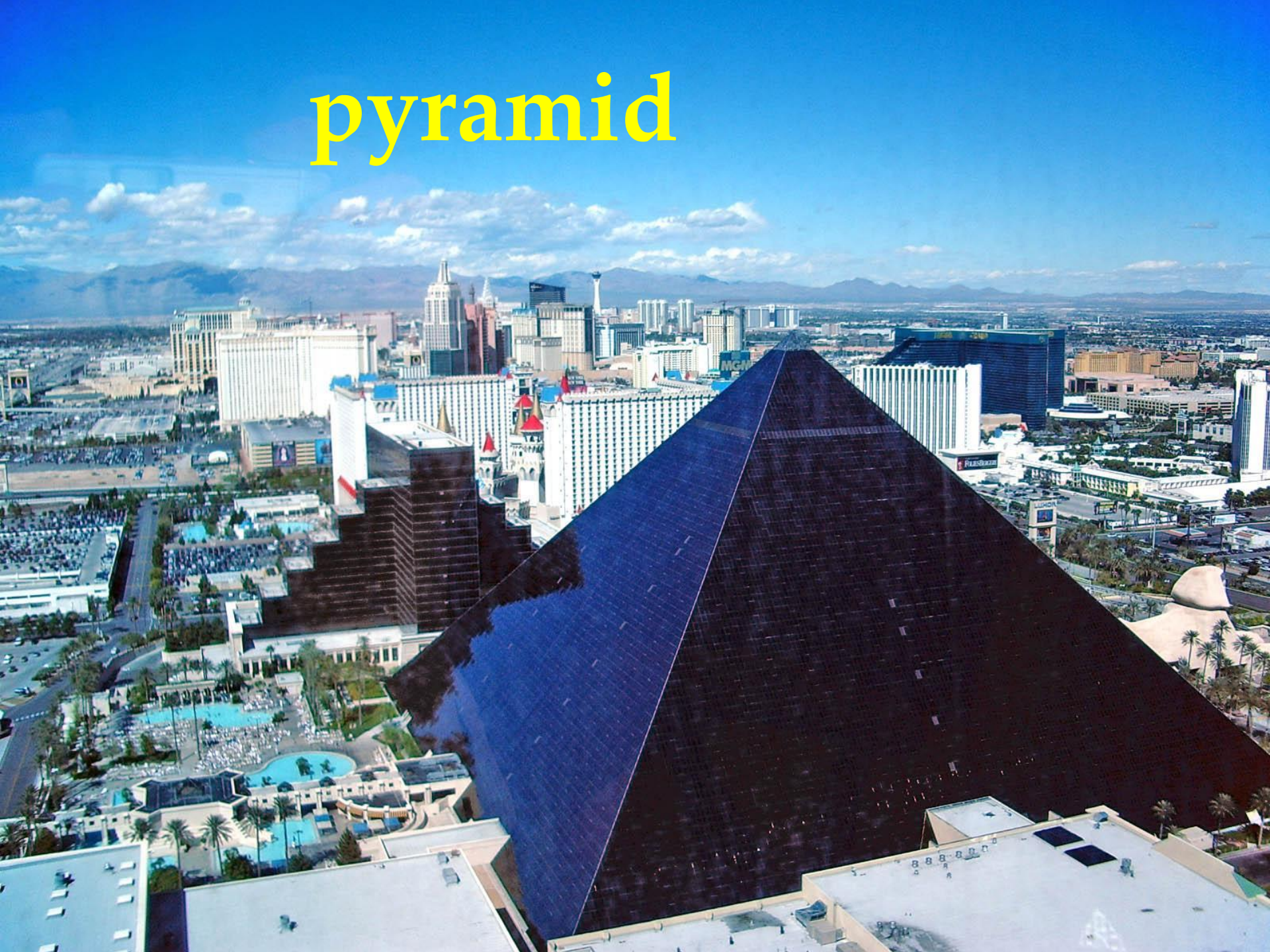


Rectangular prism



pentagonal prism

pyramid





rectangular prism



cylinder

Rectangular prism



Identify the  
spatial figure  
represented by  
the following:



BALL



GLOBE



FUNNEL



TEST TUBE



DICE

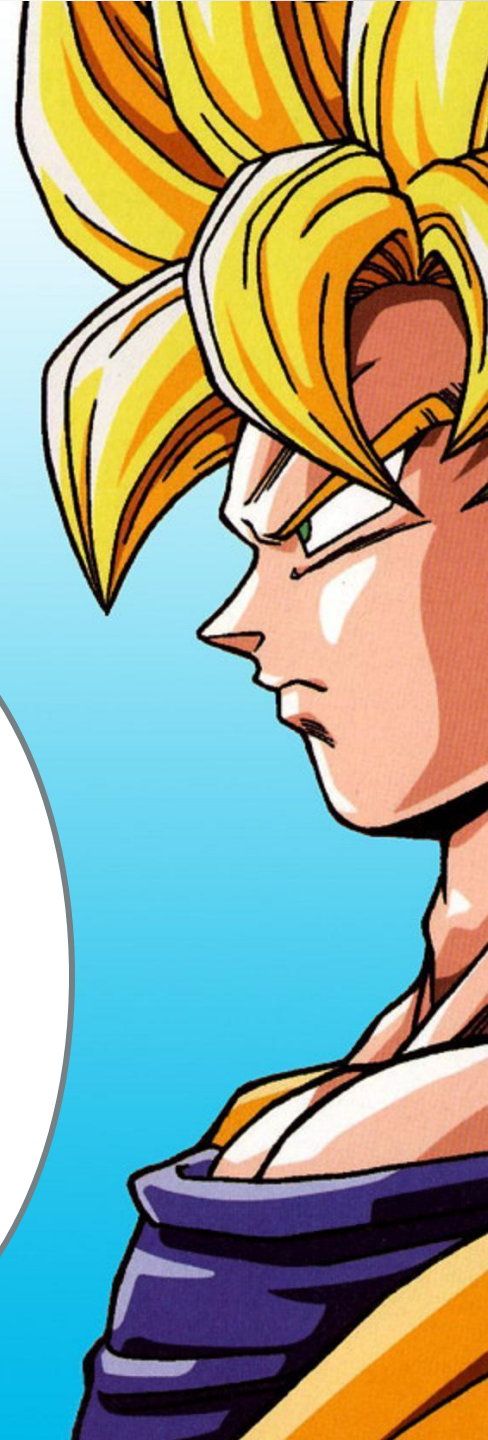


# GROUP ACTIVITY

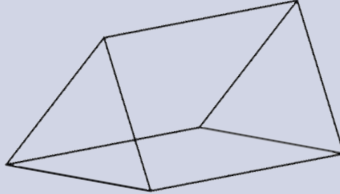
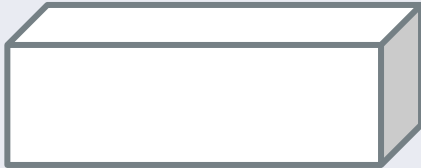
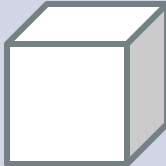


Solid Figures – are three dimensional objects having length, width and height.

Polyhedron – solid figure whose sides are all polygons. Each side is called FACE. Two faces intersect in a line segment called an EDGE. Two edges intersect in a point called VERTEX.



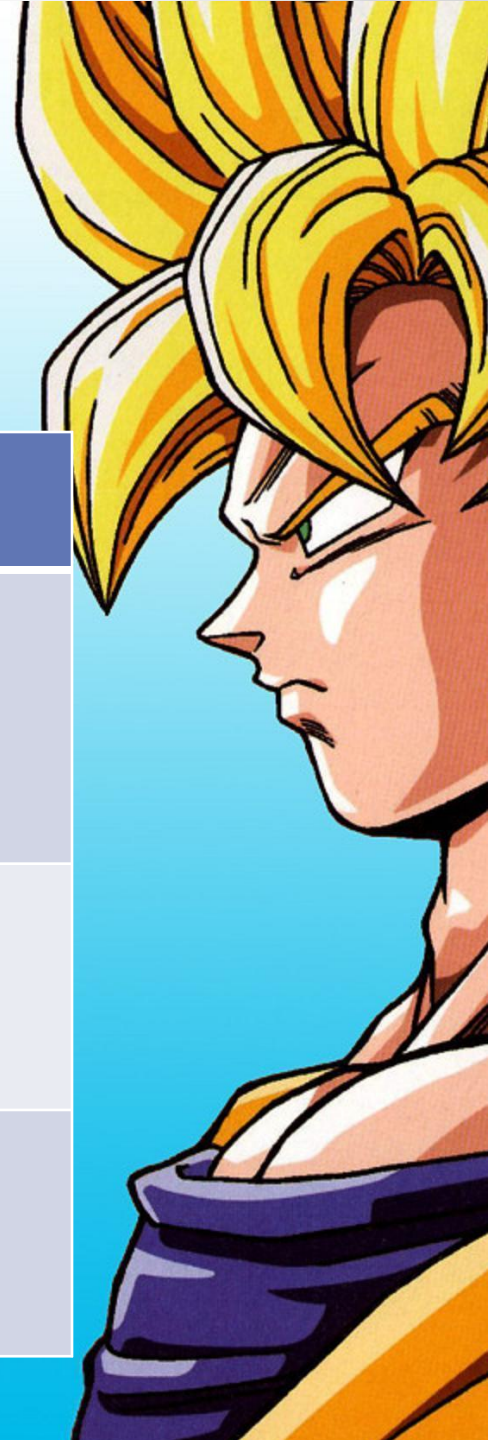
Prism– is a polyhedron whose bases are congruent polygons and whose lateral faces are parallelogram.

Name	Definition	Example
Triangular prism	Composed of two triangular bases and three rectangular lateral faces	
Rectangular prism	Composed of two rectangular bases and four rectangular lateral faces	
Cube	Prism with a square base. All its faces are square.	



Pyramid – a polyhedron whose base is a polygon and the lateral faces are triangles.

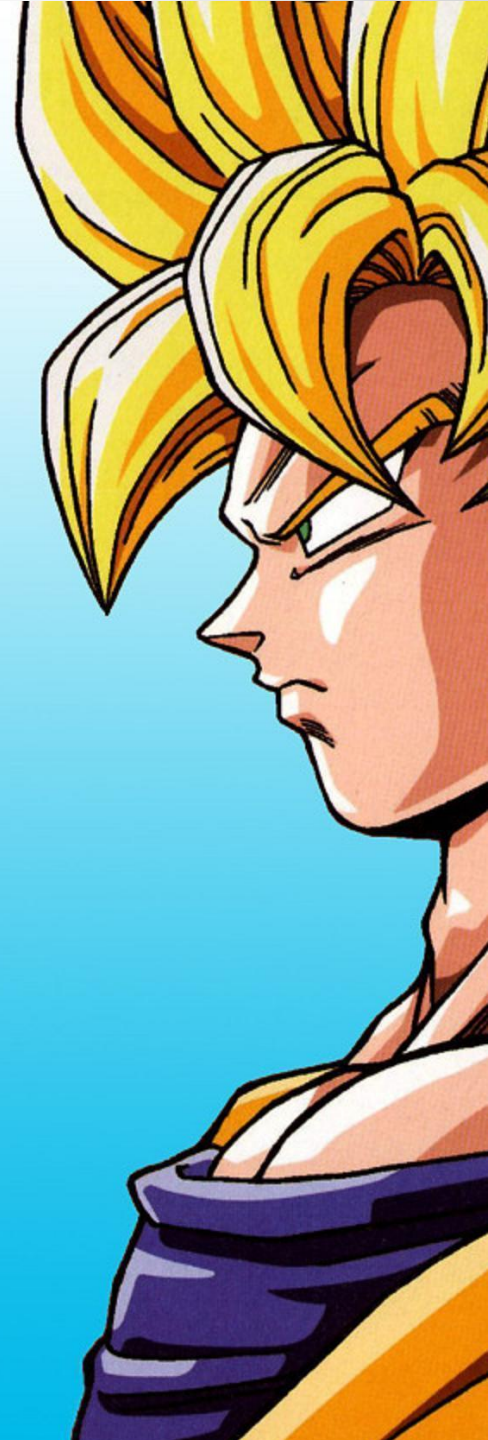
Name	Shape of the Base	Example
Triangular pyramid	Triangle	
Rectangular pyramid	Rectangle	
Square Pyramid	Square	



Cylinder – has two circular bases that are congruent and parallel.

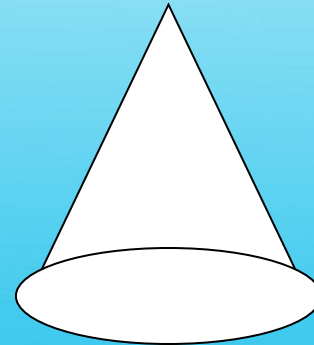
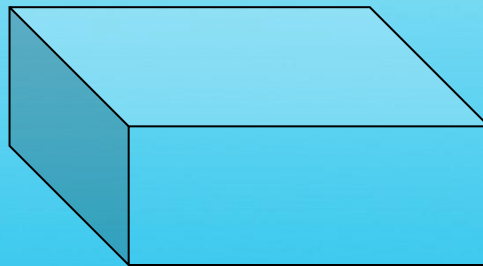
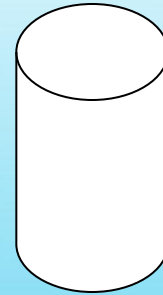
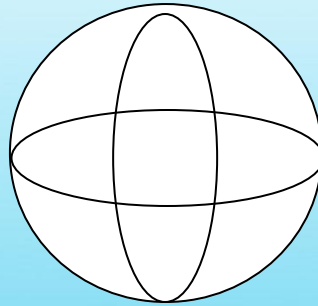
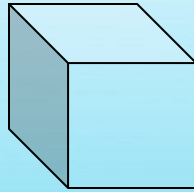
Cone – has one circular base.

Sphere – a curved surface of points that are all the same distance from the center.





Draw in your notebook objects that resemble the following space figures.





Name the spatial figures that resemble the following objects below:

- 1) box
- 2) ball
- 3) dice
- 4) ice cream cone
- 5) Globe
- 6) tin can
- 7) camping tent
- 8) funnel
- 9) water pipe
- 10) glass



Bring the following:

1. Marshmallow
2. Toothpick
3. Tape

Or

Used folder, paste and scissors