

Math Review

Shapes

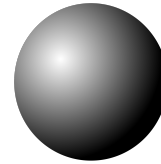
3D shapes

What is a 3D shape?

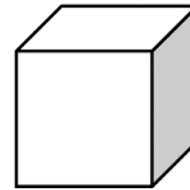
- It is a shape that would be classified As having Dimension

- Examples:

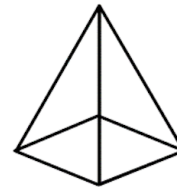
- Sphere



- Cube

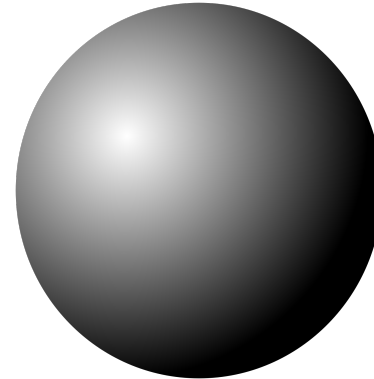


- Pyramid



Let's Practice naming shapes and look at their properties

- What Shape is this?
 - It is a **Sphere**



- How do you know?
 - It has **no** vertices
 - It has **no** faces
 - It has the **same** Length, width and height

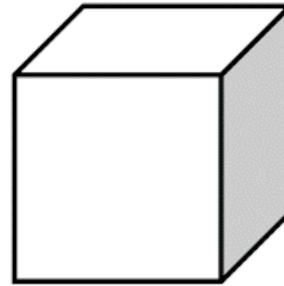
Sphere Examples

- Which of these is not a sphere?
 - How do you know?

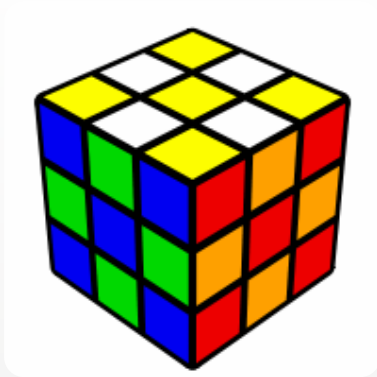


Let's Practice naming shapes and look at their properties

- What Shape is this?
 - It is a **Cube**



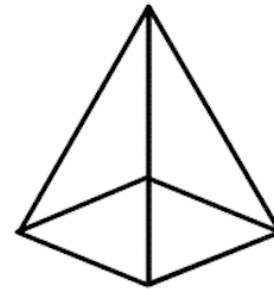
- How do you know?
 - It has **8** vertices
 - It has **6** faces
 - It has the **same** Length, width and height



Examples of Cubes

Let's Practice naming shapes and look at their properties

- What Shape is this?
 - It is a **square based Pyramid**



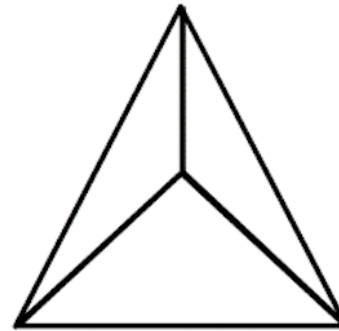
- How do you know?
 - It has 5 vertices
 - It has 5 faces



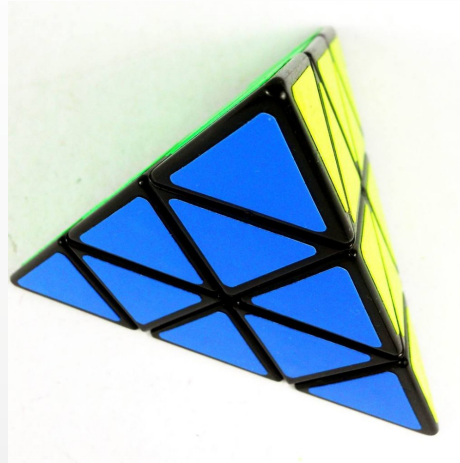
Example of Square based Pyramids

Let's Practice naming shapes and look at their properties

- What Shape is this?
 - It is a **Triangular based Pyramid**



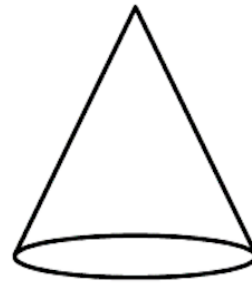
- How do you know?
 - It has 4 vertices
 - It has 4 faces



Examples of Triangular based Pyramids

Let's Practice naming shapes and look at their properties

- What Shape is this?
 - It is a **Cone**



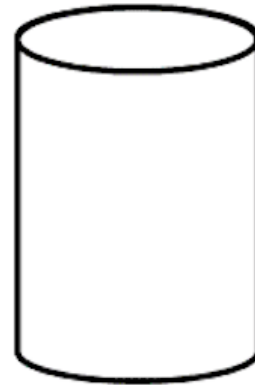
- How do you know?
 - It has **1** vertex
 - It has **1** face
 - It has a circular base

Examples of Cones



Let's Practice naming shapes and look at their properties

- What Shape is this?
 - It is a **cylinder**



- How do you know?
 - It has **no** vertices
 - It has **2** faces
 - The faces are circular

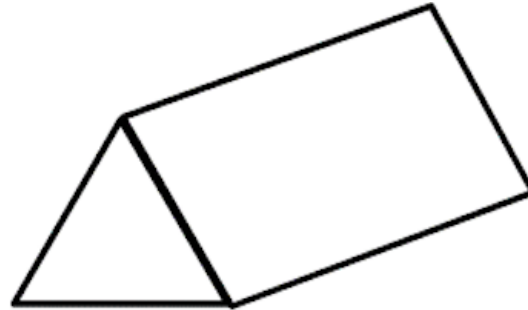


Examples of Cylinders



Let's Practice naming shapes and look at their properties

- What Shape is this?
 - It is a **Triangular Prism**



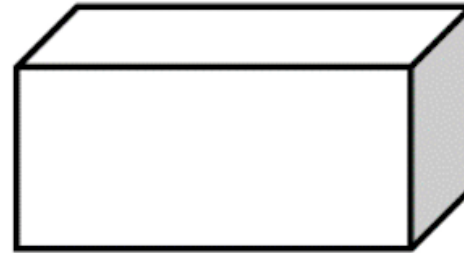
- How do you know?
 - It has 6 vertices
 - It has 5 faces
 - Two of The faces are triangles



Examples of Triangular Prisms

Let's Practice naming shapes and look at their properties

- What Shape is this?
 - It is a **rectangular Prism**



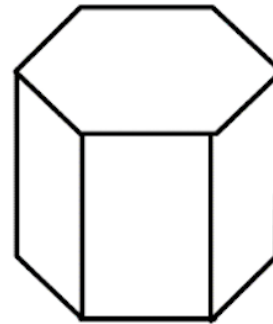
- How do you know?
 - It has **8** vertices
 - It has **6** faces
 - All of The faces are Rectangles

Examples of Rectangular Prisms



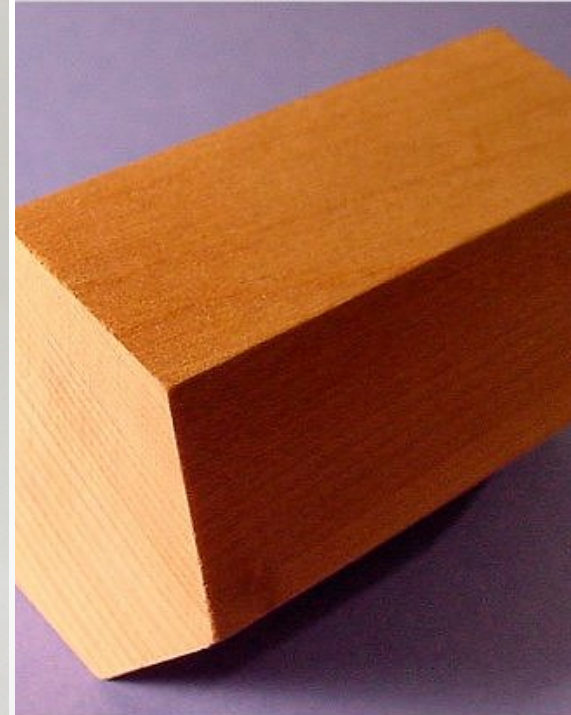
Let's Practice naming shapes and look at their properties

- What Shape is this?
 - It is a **Hexagonal Prism**



- How do you know?
 - It has **12** vertices
 - It has **8** faces
 - TWO The faces are Hexagons

Examples of
Hexagonal
Prisms



Class Work

- Complete the worksheet(s) provided by the end of the block
- There will be a quiz on 3D shapes at the beginning of next class please be on time.