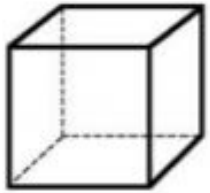
Mathematics

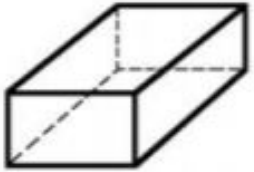
3-D Shape:
Using and applying knowledge of the properties of 3-D shapes

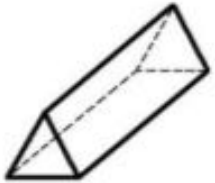
Ms Jeremy

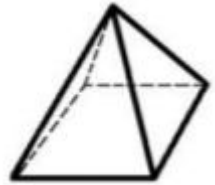
Warm Up: Naming 3-D shapes

Can you match the shapes to their names?









Square-based pyramid

Cylinder

Triangular prism

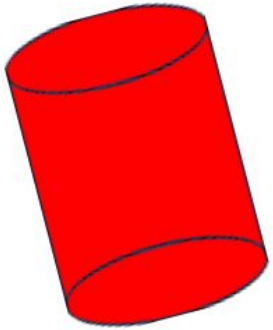
Cone

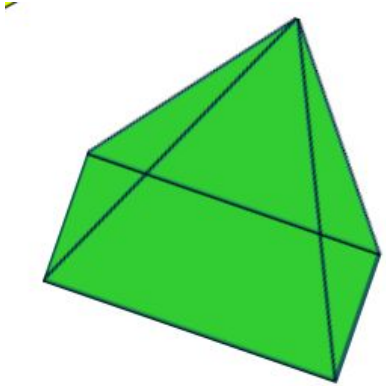
Cube

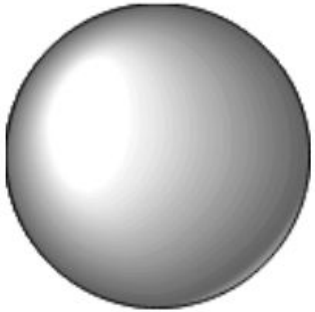
Cuboid

Pause the video to complete your task

Resume once you're finished







Use the terms to describe these 3-D shapes

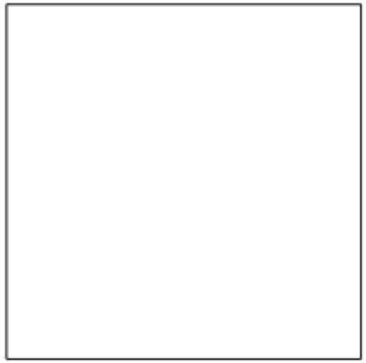
Face **Edge** **Side** **Vertex**

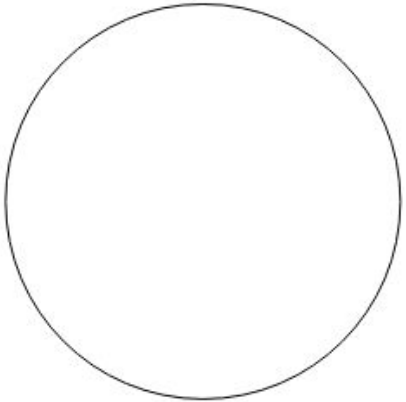
Applying knowledge of 3-D shapes

While shopping, I bought items that used these 3-D shapes. What could the items have been?

cuboid	
cone	
cylinder	
cube	
sphere	
triangular prism	

When looking directly down at some 3-D shapes, this is what I see. What could those 3-D shapes be?





Pause the video to complete your task

Resume once you're finished

Independent Task

This shape has five faces. It has nine edges and six vertices.

What is the shape?

What else can you tell me about it?

This shape has one vertex and one edge.

What is the shape?

What else can you tell me about it?

This shape has two circular faces.

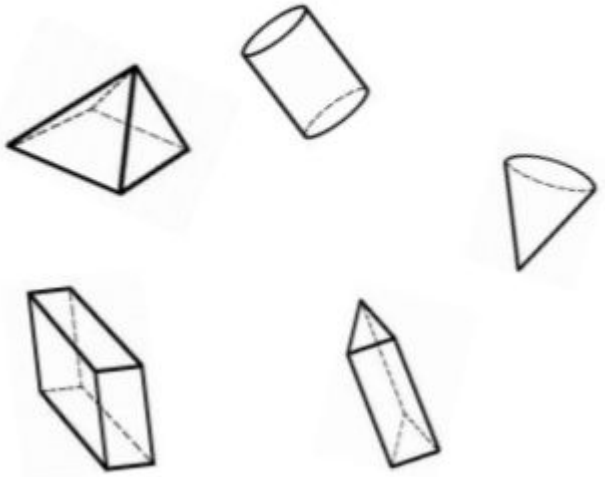
What is the shape?

What else can you tell me about it?

This shape has six rectangular faces.

What is the shape?

What else can you tell me about it?

The following shapes are sorted into two groups.

What could the two groups be?