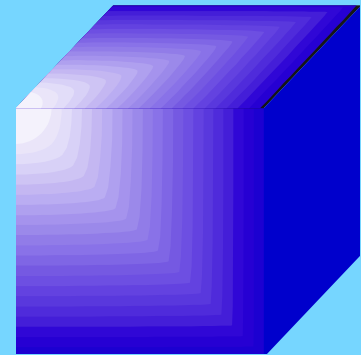
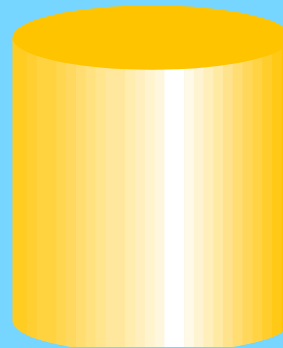
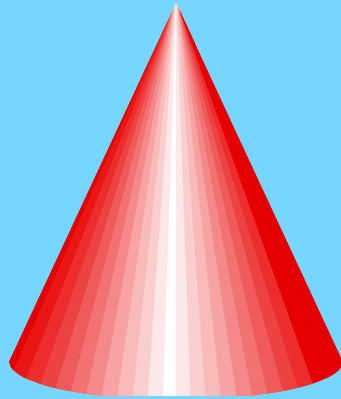
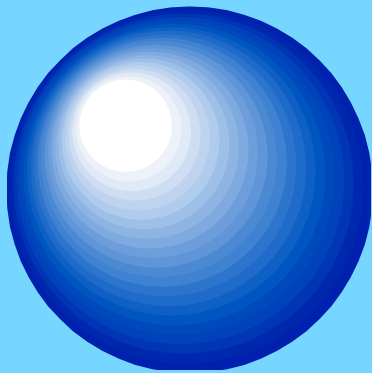


# 3D SHAPES



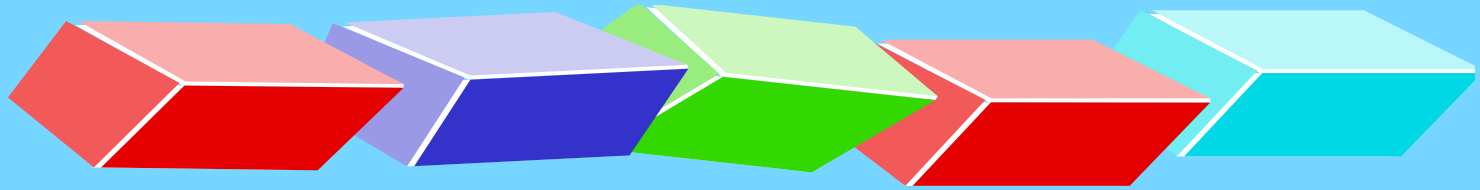


What are we learning today?

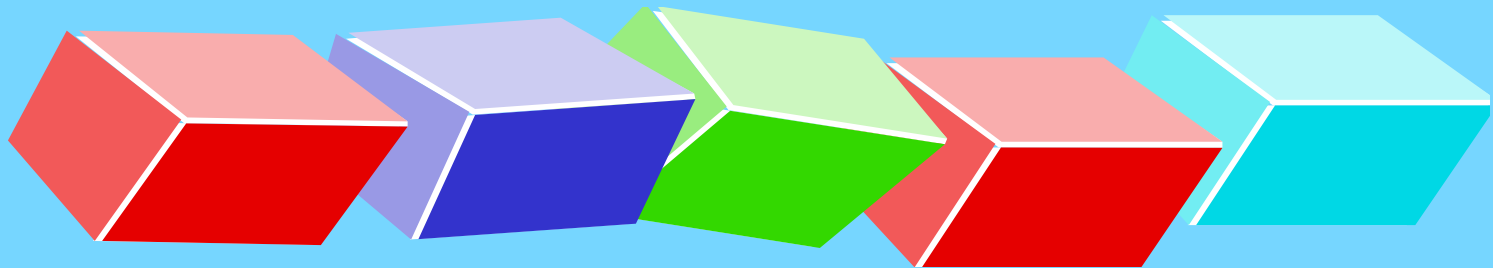


- We will learn the names of 3D shapes.
- We will learn how they are made up.
- We will learn new ways to describe them.
- We will think about how shapes are all around us.

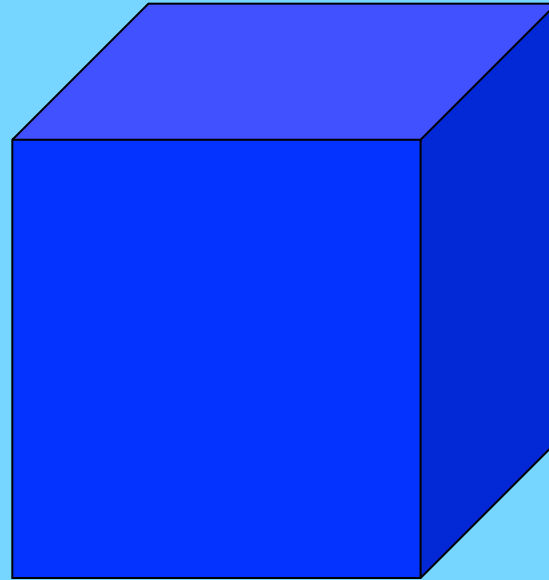
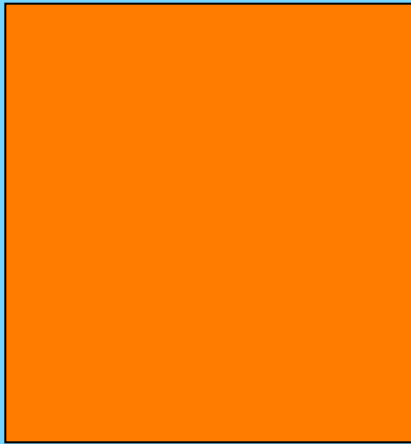
How do you think we can do this?



- We will be able to give examples of 3D shapes around us.
- We will be able to describe shapes in detail using the correct language.
- We will be able to explain how a 3D shape is made up.

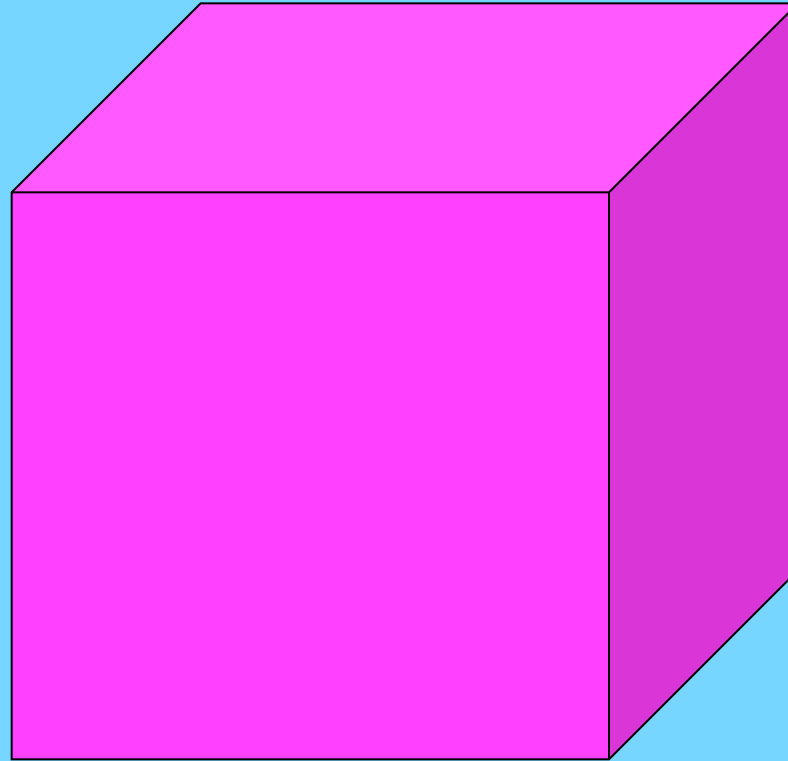


What is the difference between a 2D shape and 3D shape?



Which 3D shapes can you name?

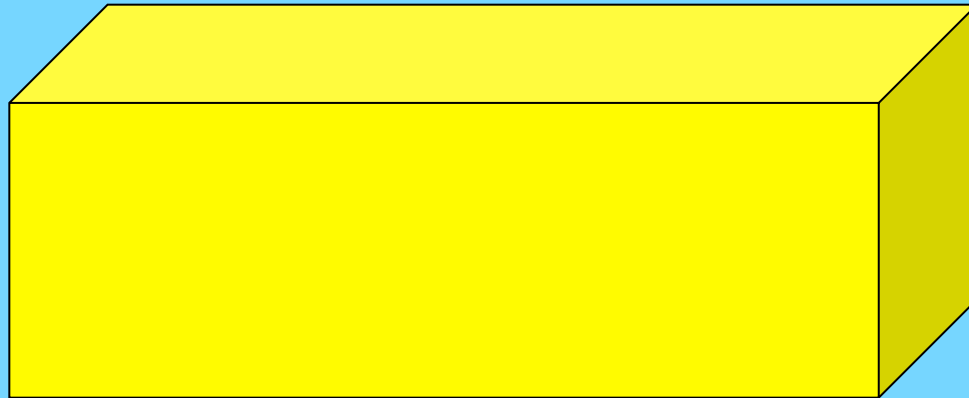
# CUBE



**Can you think of any objects which are the shape of a cube?**



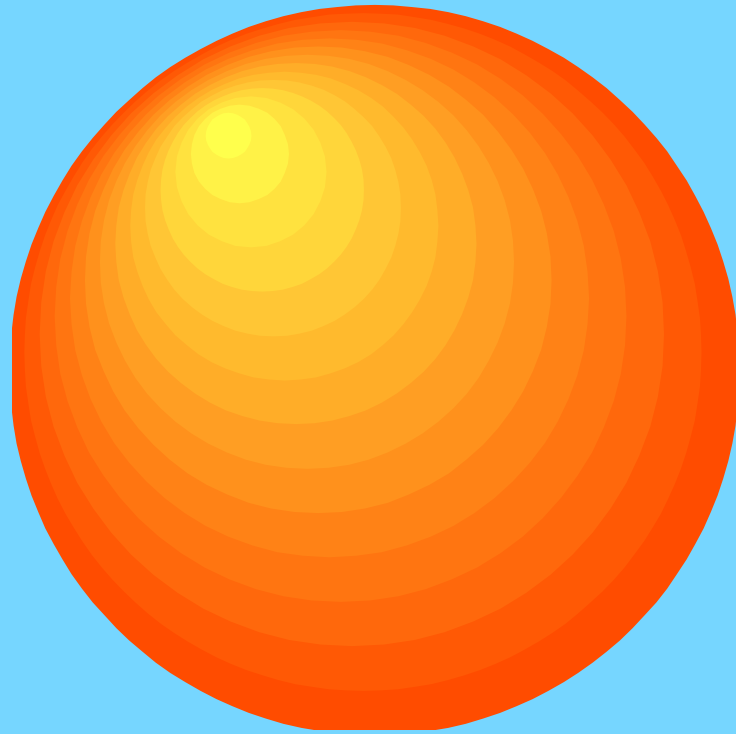
# CUBOID



**Can you think of any objects which are the shape of a cuboid?**



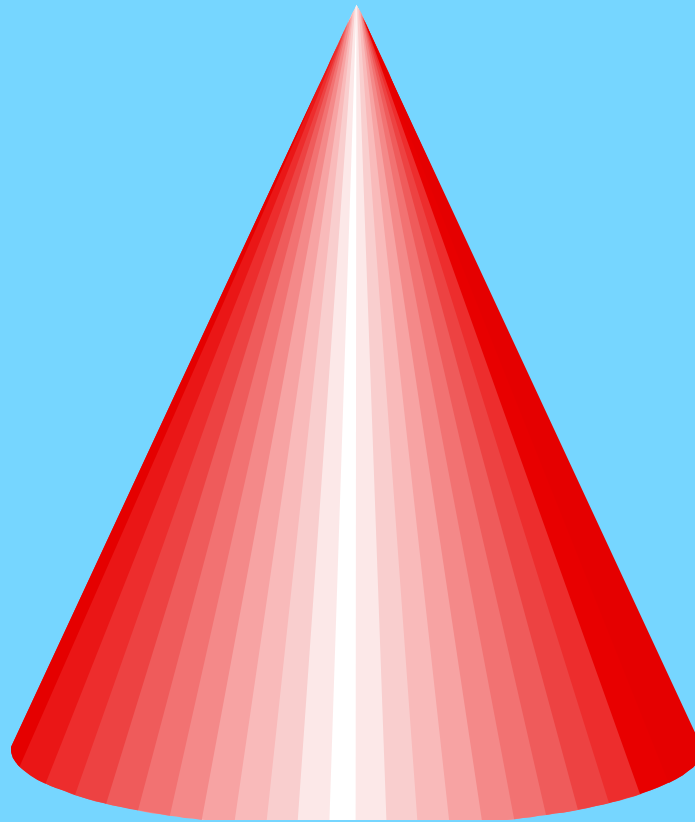
# SPHERE



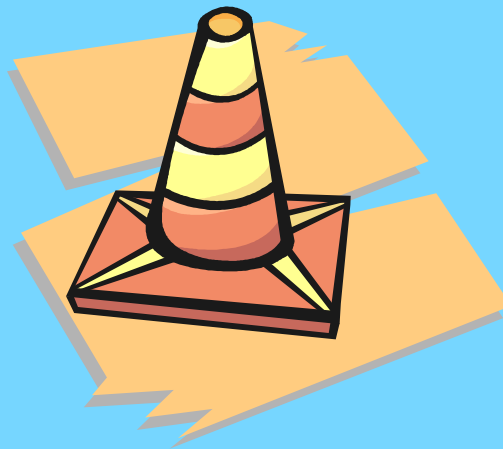
**Can you think of any objects which are shape of a sphere?**



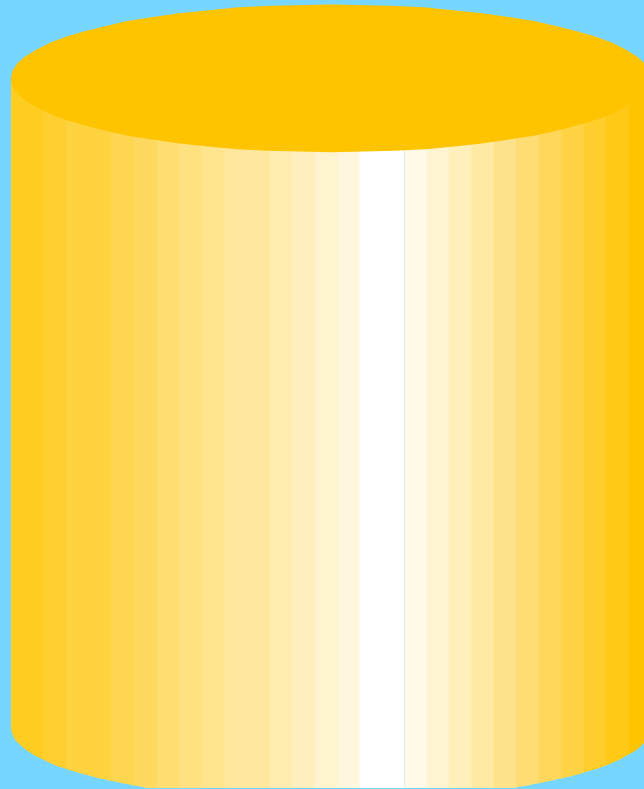
# CONE



**Can you think of any objects which are the shape of a cone?**



# CYLINDER



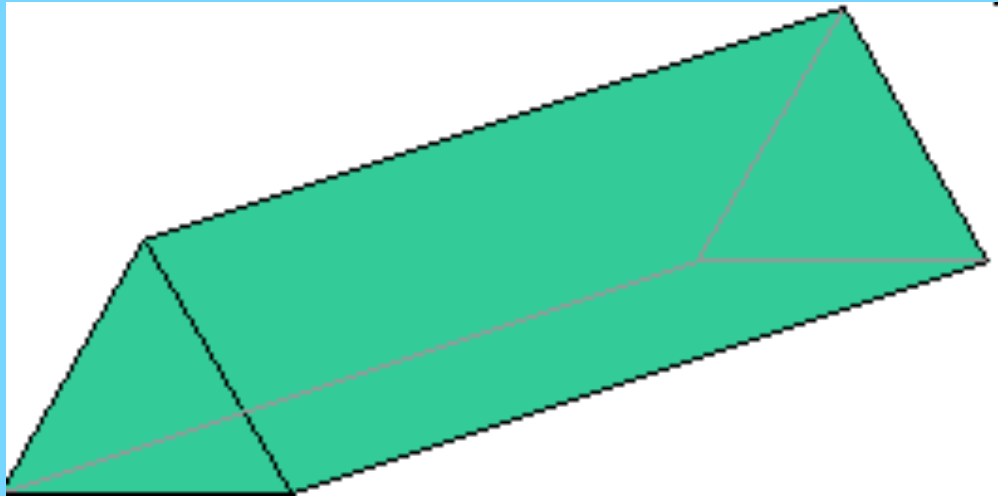
**Can you think of any objects which are the shape of a cylinder?**



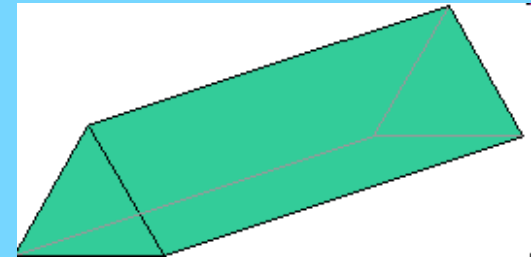
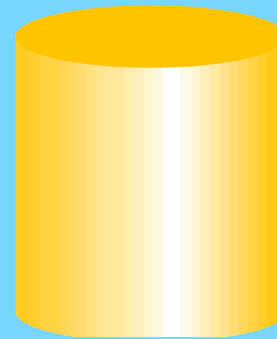
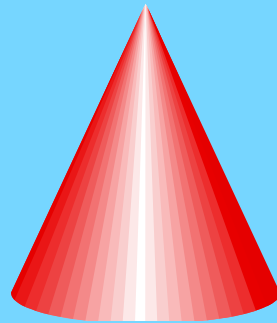
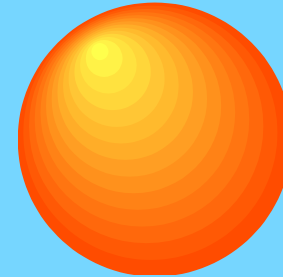
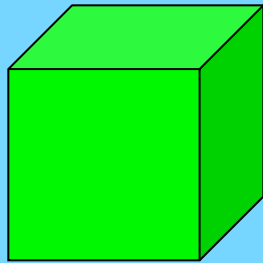
# SQUARE BASED PYRAMID



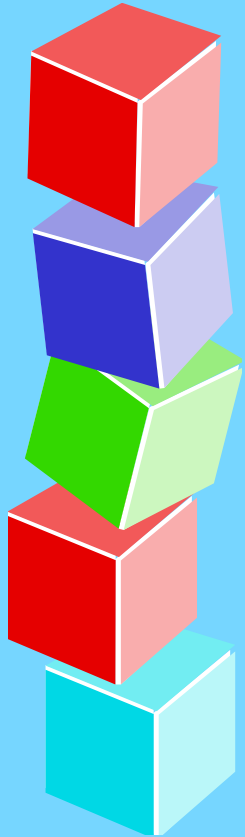
# TRIANGULAR PRISM



# How can we describe these shapes?



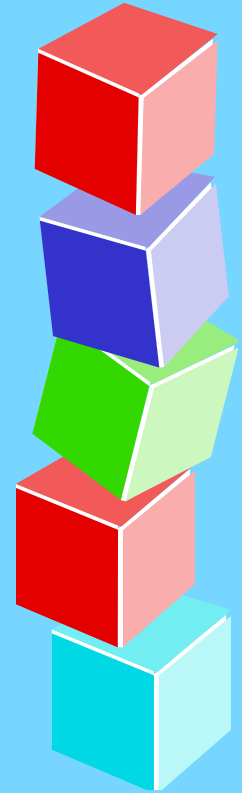
We can use words like...



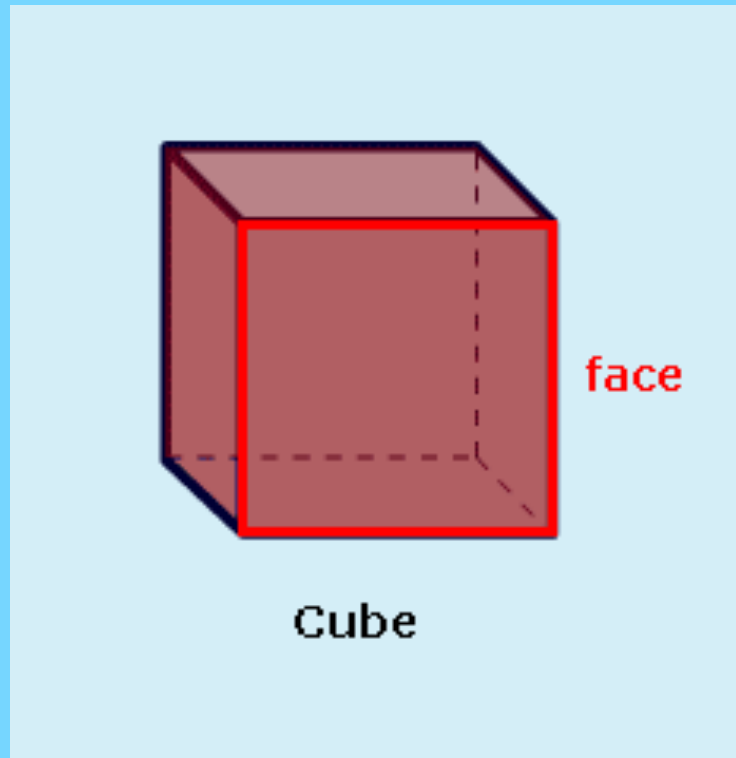
FACES

EDGES

CORNERS

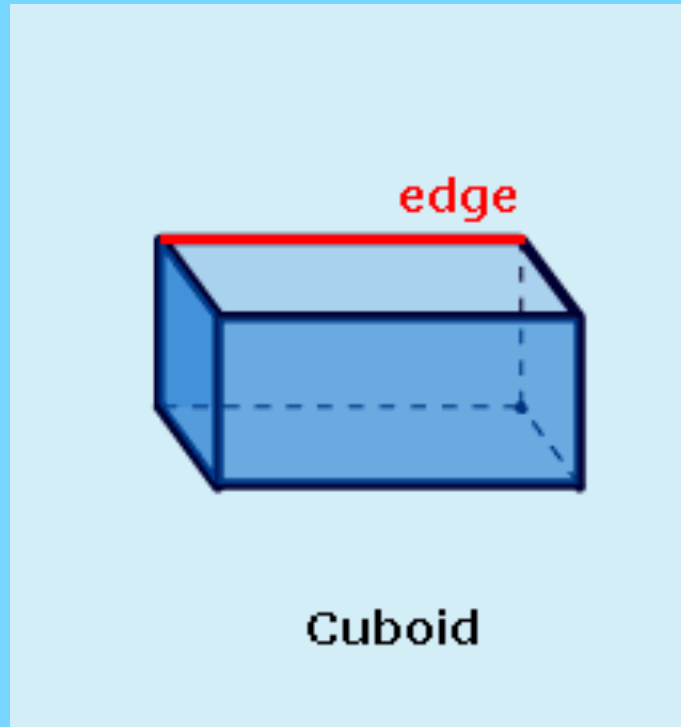


# FACES or SIDES



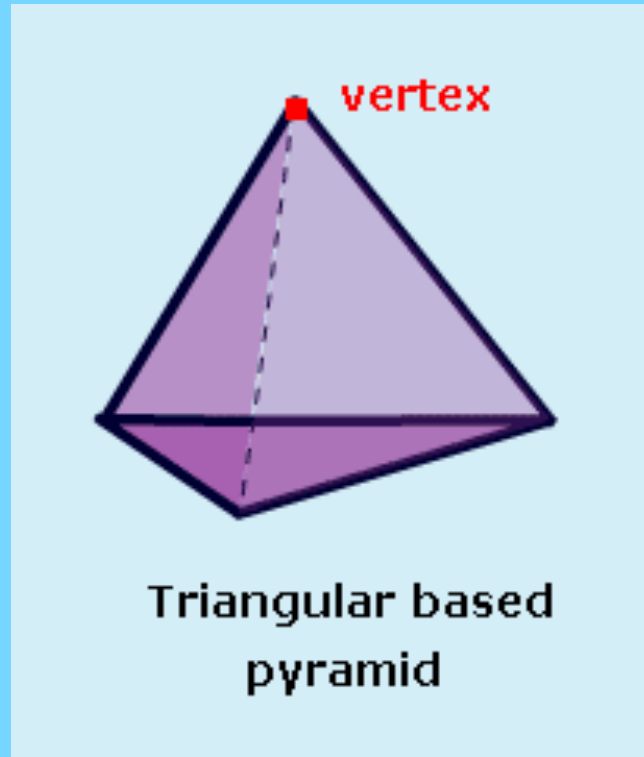
All 3D shapes have faces.

# EDGES



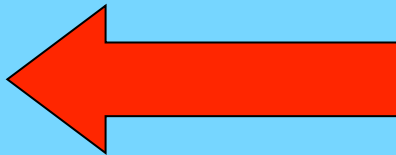
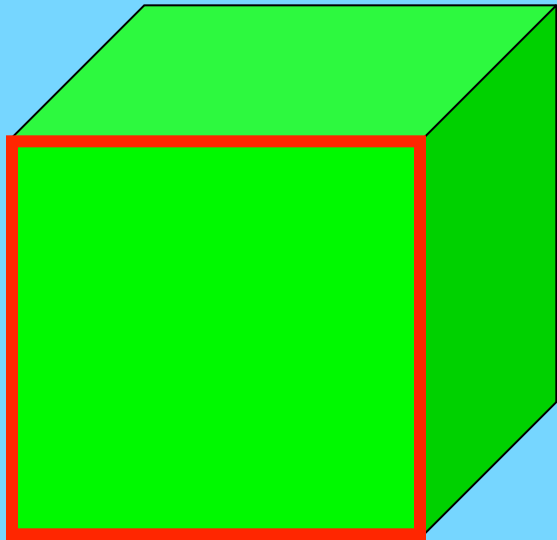
All 3D shapes have edges apart from a sphere.

# CORNERS OR VERTICES



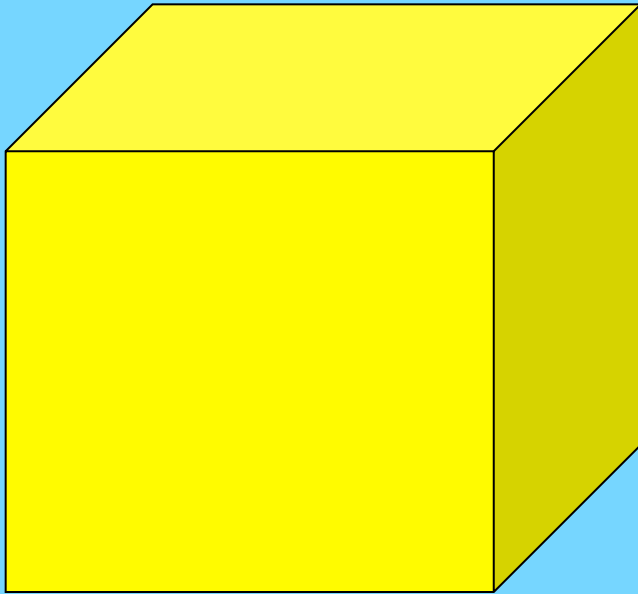
All 3D shapes have vertices apart from a sphere.

We can also say what shape the face is.



The face is the shape of a square.

Using these words, how could we describe a cube?



It has...

- 6 faces that are square shaped
- 12 edges
- 8 vertices

# What have we learnt so far?

