OGUN DIGICLASS

CLASS: PRIMARY SCHOOL

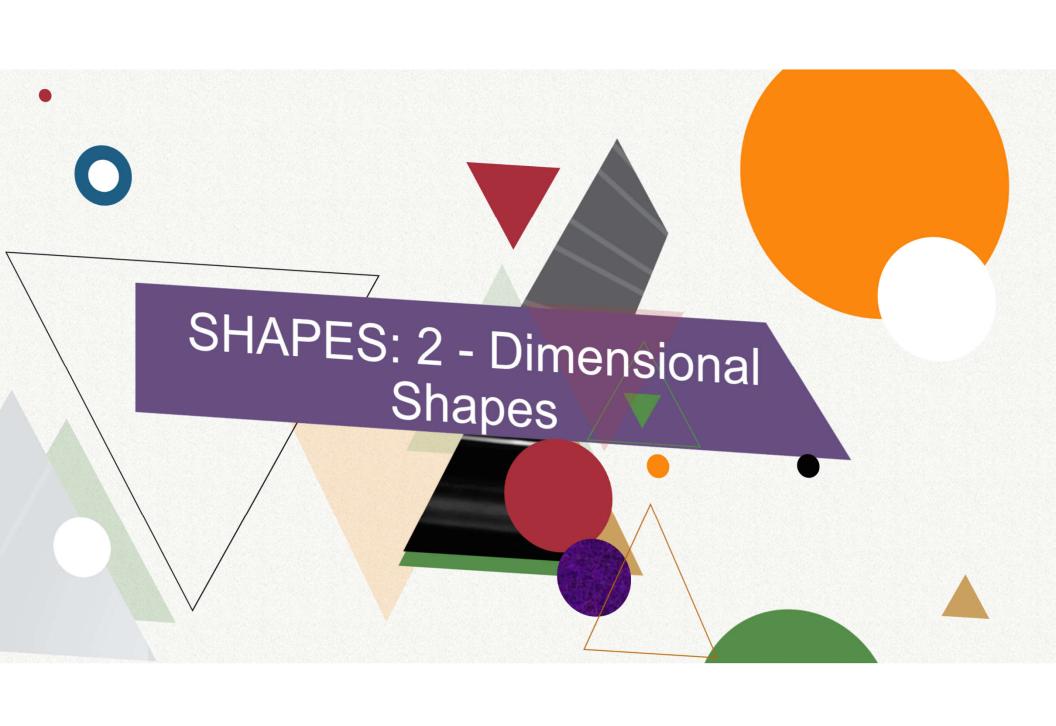
SUBJECT: MATHEMATICS

TOPIC: SHAPES

SUB-TOPIC: 2 – DIMENSIONAL SHAPES







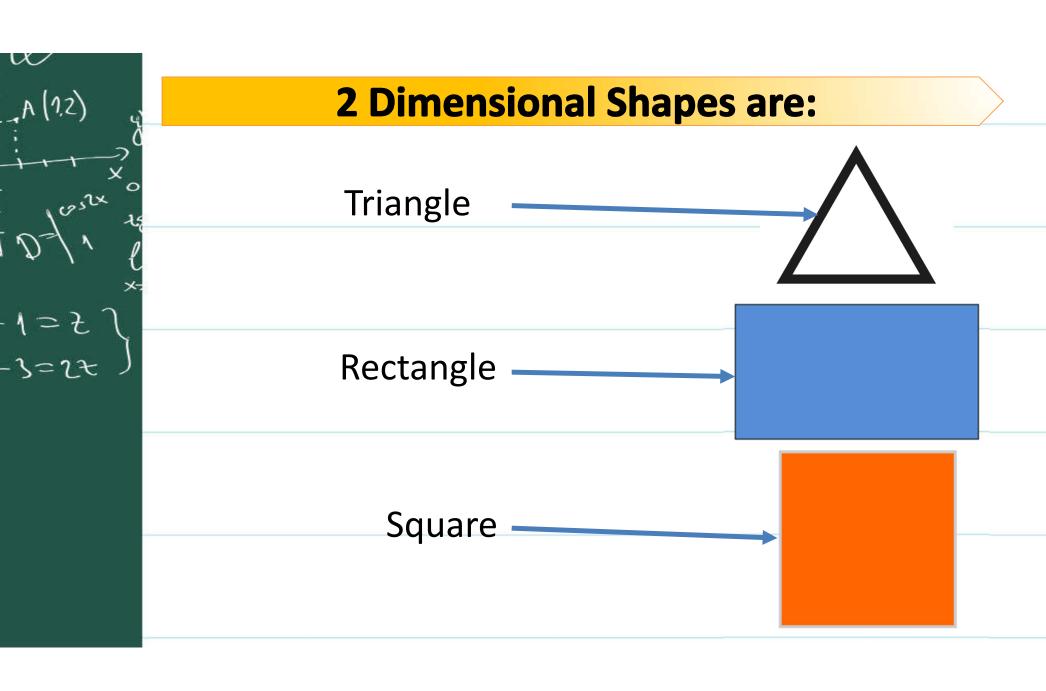


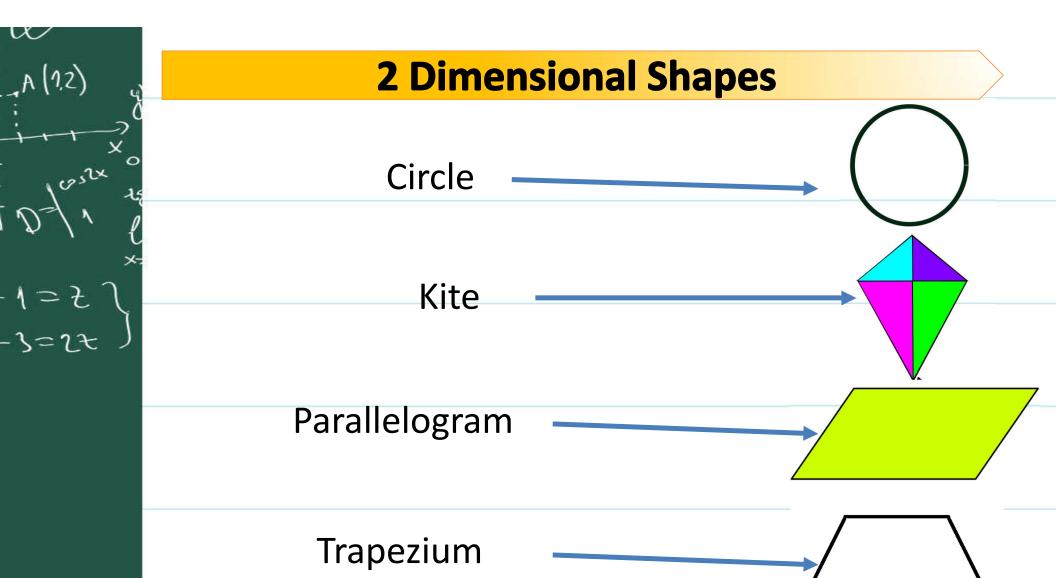
Learning Objectives

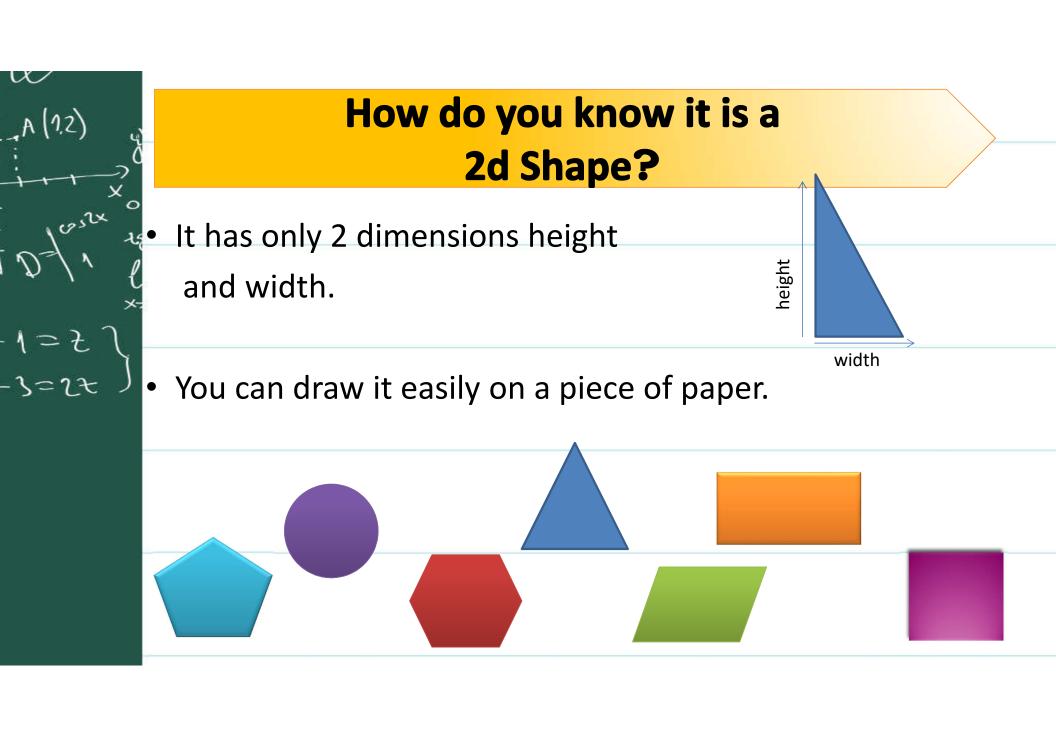
Identify
different types
of 2
dimensional
shapes

List different objects at that have these shapes at home.

State the features of these shapes

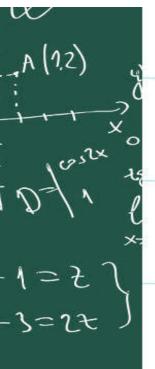


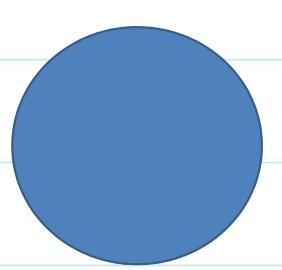




1=2 -3=2+

2d means a shape is '2 dimensional'

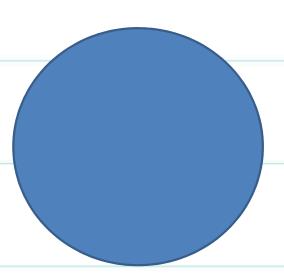




How many angles and sides does this shape have?

A(1.2) A

A circle



- It has only 1 curved side.
- It has no angles.

A(1,2) A

What is a polygon?

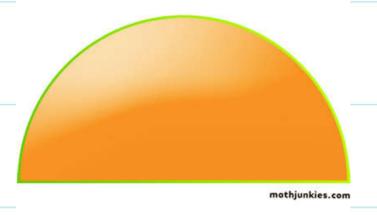


Polygon

 A polygon is a flat shape with 3 or more straight sides.

Can you think of any polygon shape names?

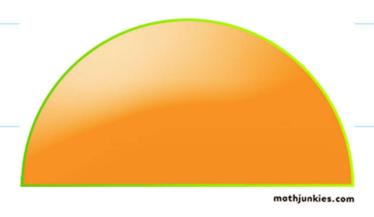




 How many corners and sides does this shape have?



A Semi - circle



- It has only 1 curved side and 1 straight side.
- It has 2 corners.
- A semi-circle is half of a circle.



There are lots of circular 2d shapes in our everyday life

Look around the house, can you spot any circular shapes?



Everyday life 2 sided, triangle shapes.



• A cd.

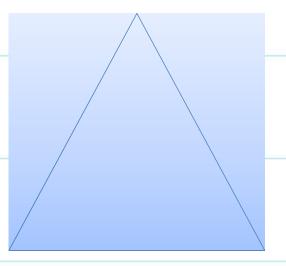




The lollipop persons sign



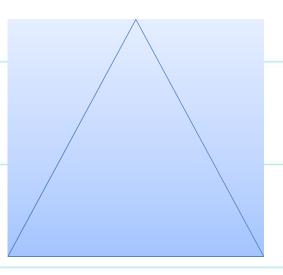




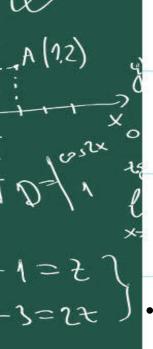
How many angles and sides does this shape have?



A triangle



- 3 straight sides.
- 3 angles.



Everyday life 3 sided, triangle shape.

A road works sign





How many angles and sides does this shape have?

A(1,2) A

A Square

- 4 straight sides, all of equal length.
- 4 angles.



How many angles and sides does this have?

1=2 1=2 1=2 1=2

·Is it a square?



A rectangle or oblong

- 4 straight sides.
- 2 sides are longer, have a look.
- 4 angles.

1=2 1=2 1=2 1=2

Everyday life 4 sided, rectangle shapes.

The interactive white board.



• Your work book.



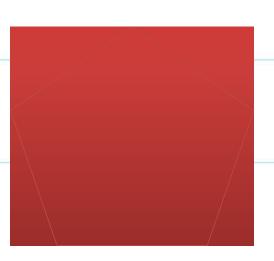
Shape of the top of your desk







A Pentagon



- 5 angles
- 5 flat sides.



Everyday life 5 sided, Hexagonal shapes.

A football is made up lots of pentagons.



The Pentagon in America is a pentagon.



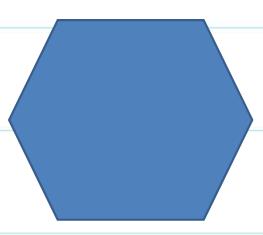




How many angles and sides this shape have?

A(1,2) A

It is a Hexagon



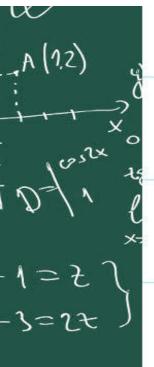
- 6 straight sides.
- 6 corners.

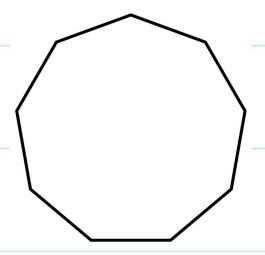


Everyday life 6 sided Hexagonal shapes.

Bee hive cells are hexagonal.



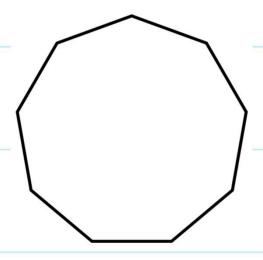




How many angles and sides does this shape have?

1=27 -3=2+

It is a Heptagon



- 7 sides.
- 7 corners.

A(1,2) A

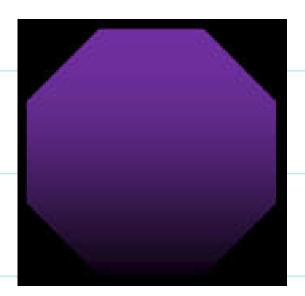
Everyday life 7 sided Heptagonal shapes.



50p and 20p coins we use today are curved heptagonal shapes.

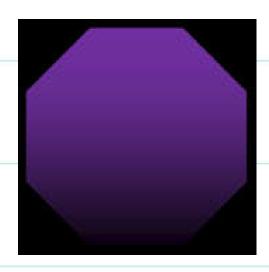






How many angles and sides does this shape have?

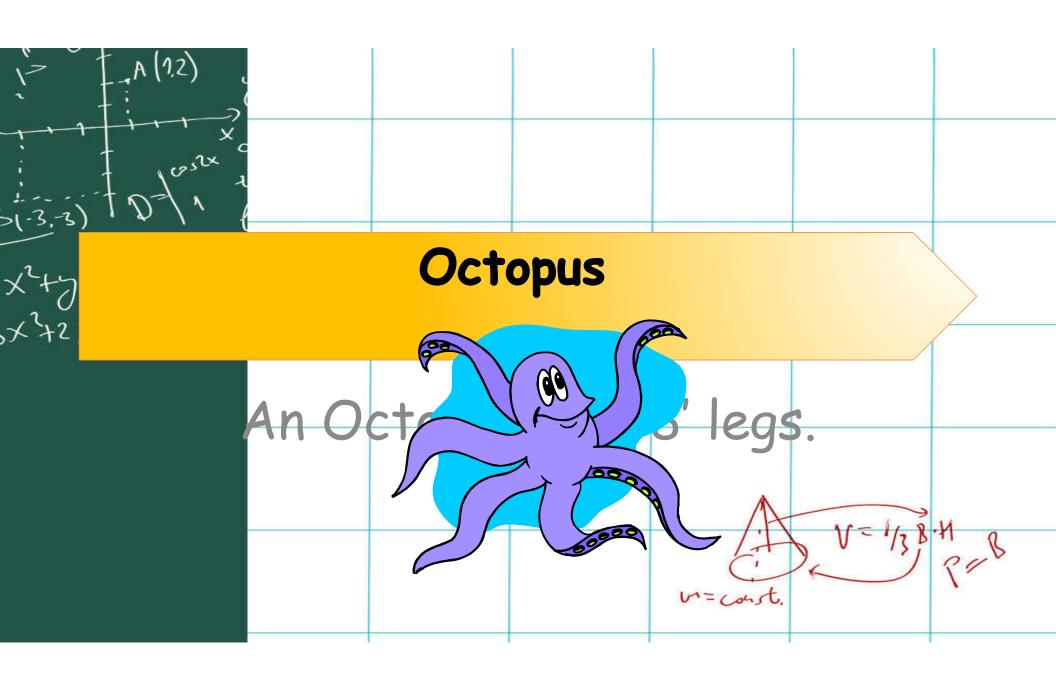
It is a Octagon



- 8 sides.
- 8 corners.



can you think of any words that start with 'Oct....' that will help remind you that an octagon has 8 sides?



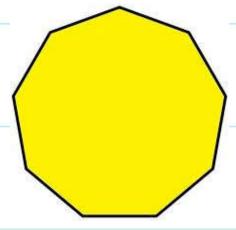
A(1,2) A

Everyday life 6 sided Octagonal shapes.

The 'STOP' road sign has 8 sides and is a hexagon shape.



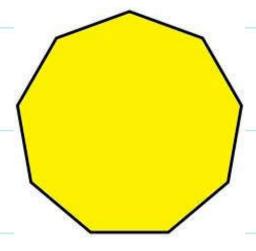




How many angles and sides does this shape have?

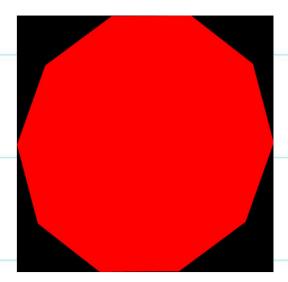
1= 2 -3=2+

It is a Nonagon



- 9 sides.
- 9 corners.

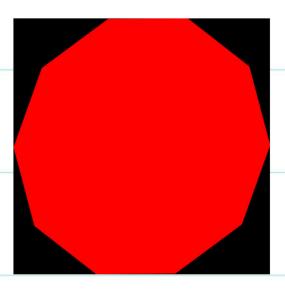




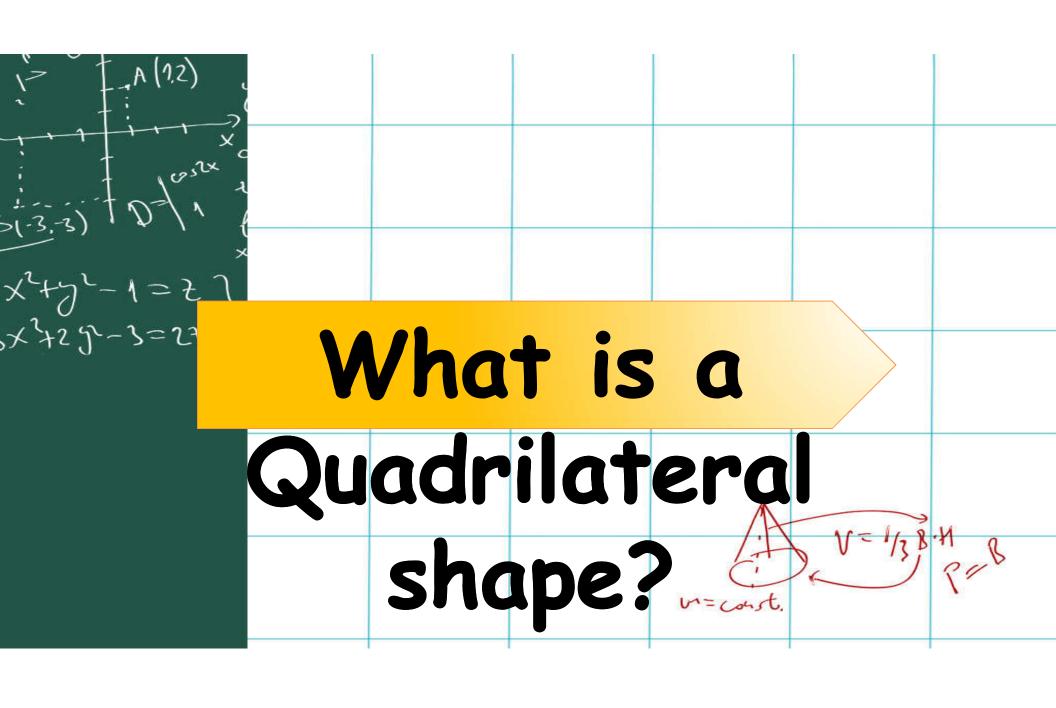
How many angles and sides does this shape have?



It is a decagon



- 10 sides.
- 10 corners.



1= 2 -3=22

A quadrilateral shape has 4 sides.

A(1,2)

Examples of some quadrilateral shapes.

Quadrilateral shapes



Summary of shapes

Circle 1 side

Semi-circle 2 sides - 1 flat side and 1 curved side

Triangle 3 straight sides

Square 4 equal sides and 4 angles

Rectangle 4 sides two longer and 2 angles

Pentagon 5 sides

Hexagon 6 sides

Heptagon 7 sides

Octagon 8 sides

Nonagon 9 sides

Decagon 10 side



Assignment

Write any three objects at home with a rectangular shape.

