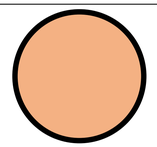
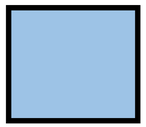
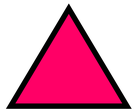
2-D Shapes

Two dimensional Shapes

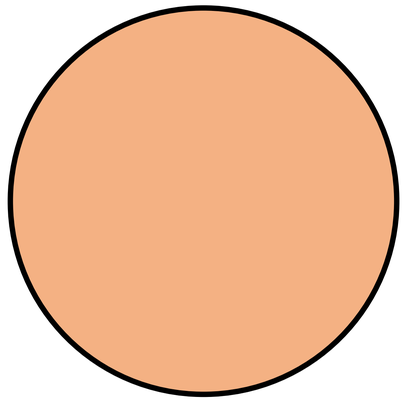
- A shape that has 2 dimensions is defines 2 dimensional shapes and also called flat figures.
- 2 dimensions - length and width. Do not have thickness.
- 2d shapes has 2 properties that is sides and corners.

2d shapes	Figure	Examples (Consider only the surface)	No. of sides	No. of Corners
Circle		Pizza Coin Dosa CD	0	0
Square		Chess biscuit carrom Frame	4	4
Rectangle		Window Door Paper Mobile	4	4
Triangle		Pizza watermelon Sandwich Traffic sign	3	3

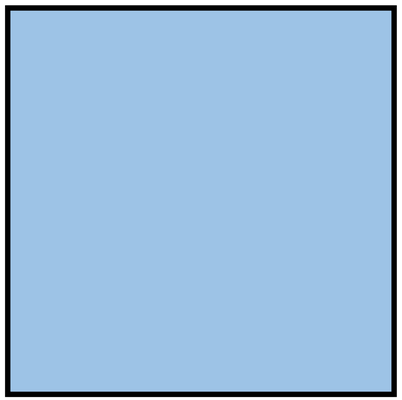
Two dimensional Shapes

- A two-dimensional (2D) shape can be defined as a flat figure or a shape that has two dimensions.
- Two dimensional or 2D shapes do not have any thickness.
- The two dimensions are
  - length
  - width.
- The basic types of 2d shapes are a circle, triangle, square, rectangle, pentagon, hexagon, pentagon, etc.

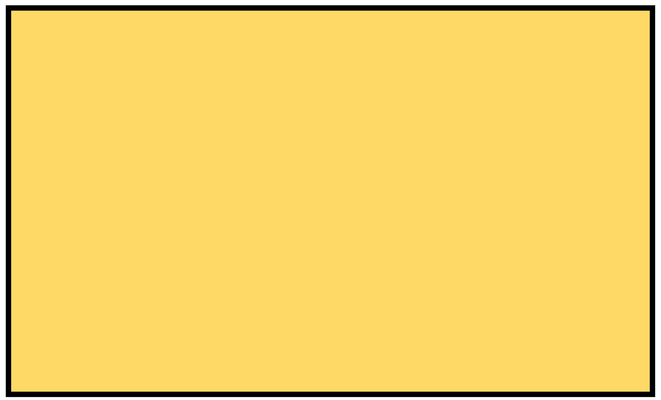
Various two dimensional Shapes



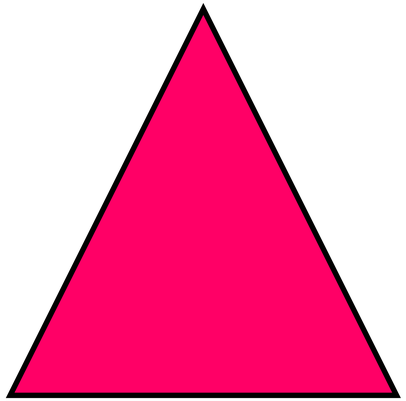
Circle



Square



Rectangle



Triangle

Properties

There are 2 properties for 2 dimensional shapes. They are

- Sides
- Corners

Sides

The straight lines that form its boundaries are called sides.

Corners

The points where two sides meet in a shape are called corners.

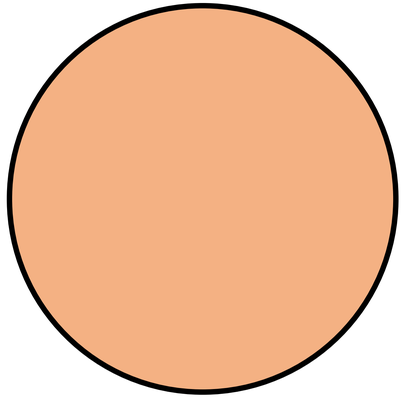
They are also sometimes referred to as vertices.

Circle

A circle is a closed, 2 dimensional curved figure.

A circle is a round shaped figure.

Circle has no corners and no edges.



The real life examples of circle (Consider only the surface)

Pizza

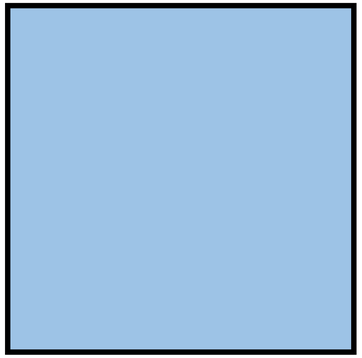
Coin

Dosa

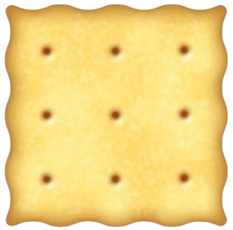
CD

Square

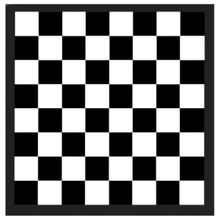
A square is a closed 2 dimensional shape with four equal sides.



The real life examples of square (Consider only the surface)

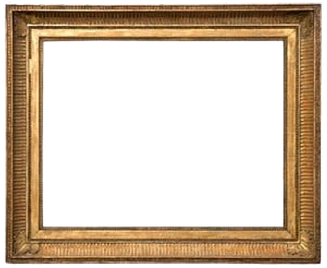


Biscuit



Chess

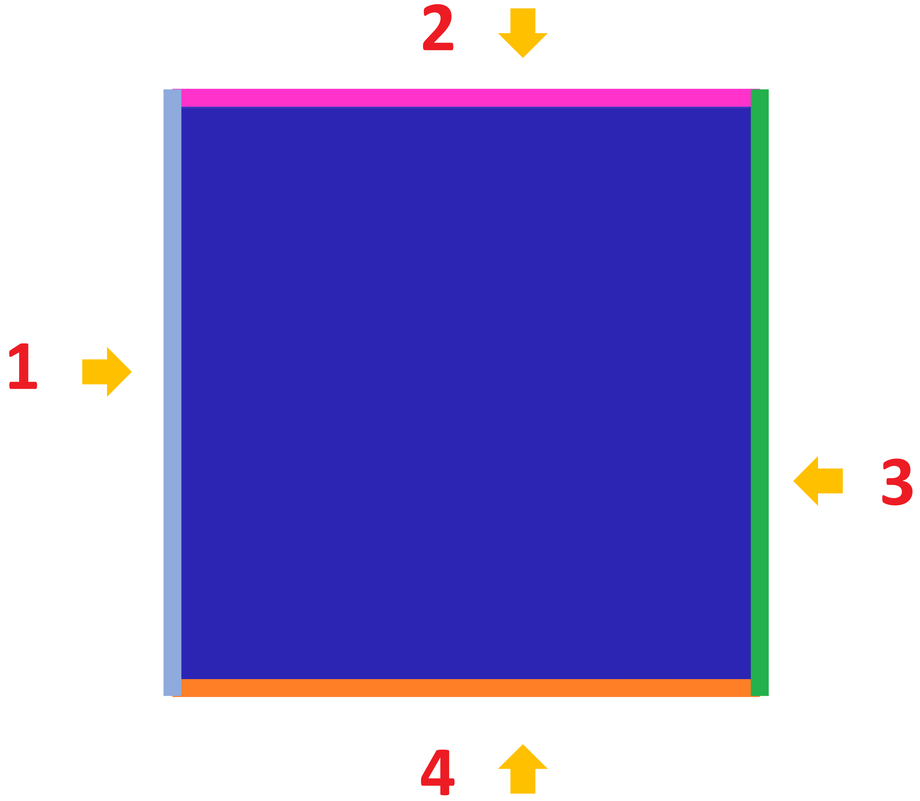
Carrom



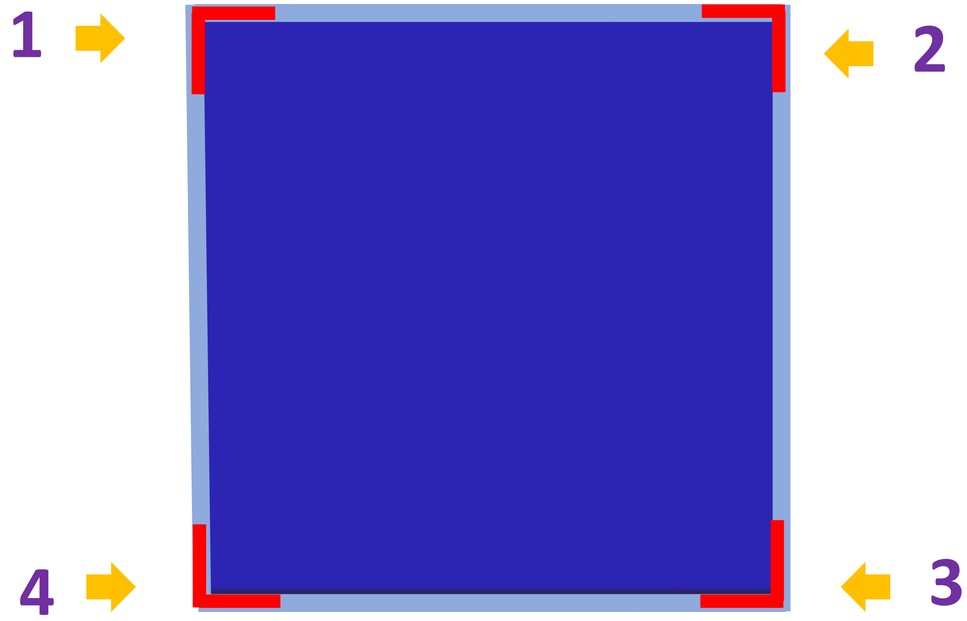
Frame

Properties

Square has 4 equal sides and 4 equal corners.



4 Sides

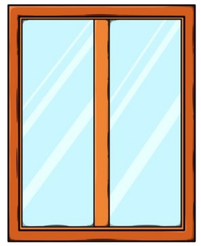


4 Corners

Rectangle

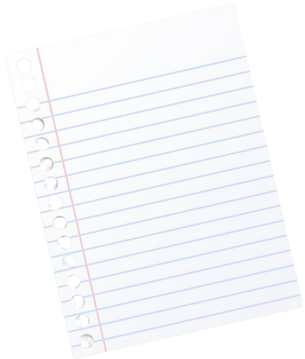
A rectangle is a 2 dimensional shape which has four sides, where the opposite sides are equal and parallel to each other.

The real life examples of rectangle (Consider only the surface)

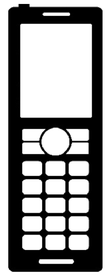


Window

Door



Paper

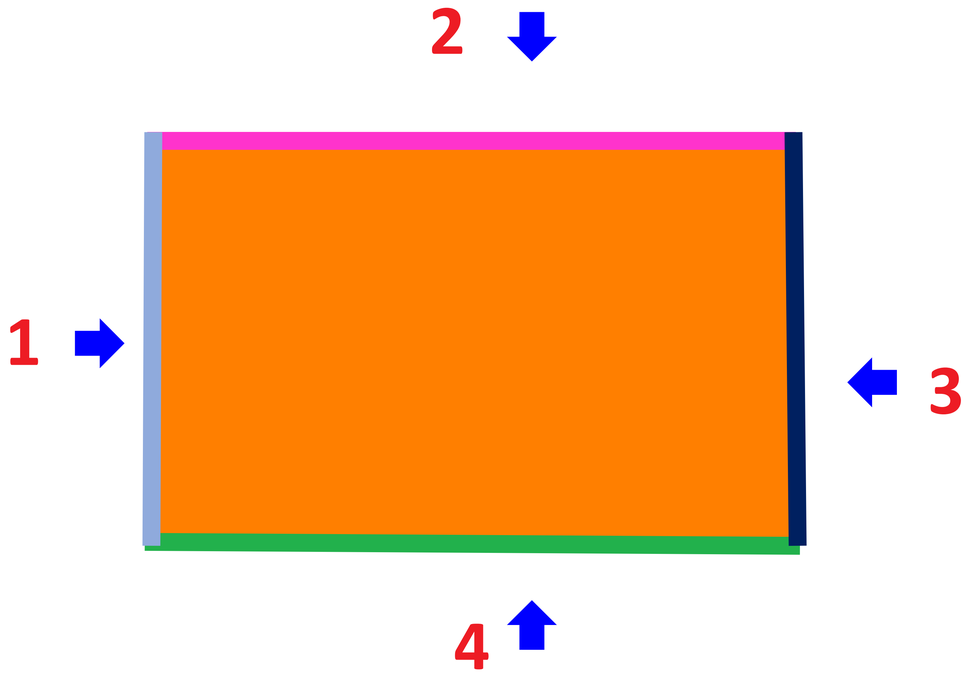


Mobile

Properties

The opposite sides in the rectangle are equal.

Rectangle has 4 sides and 4 corners.

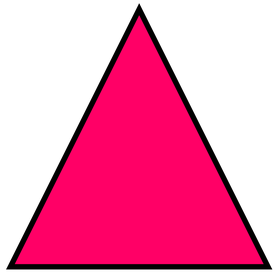


4 Sides

4 Corners

Triangle

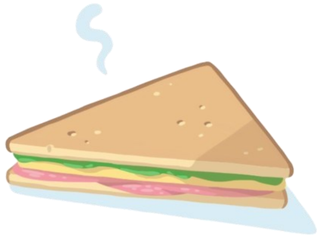
A triangle is a closed two-dimensional shape with three straight sides and three corners.



The real life examples of triangle (Consider only the surface)

Pizza

Water melon

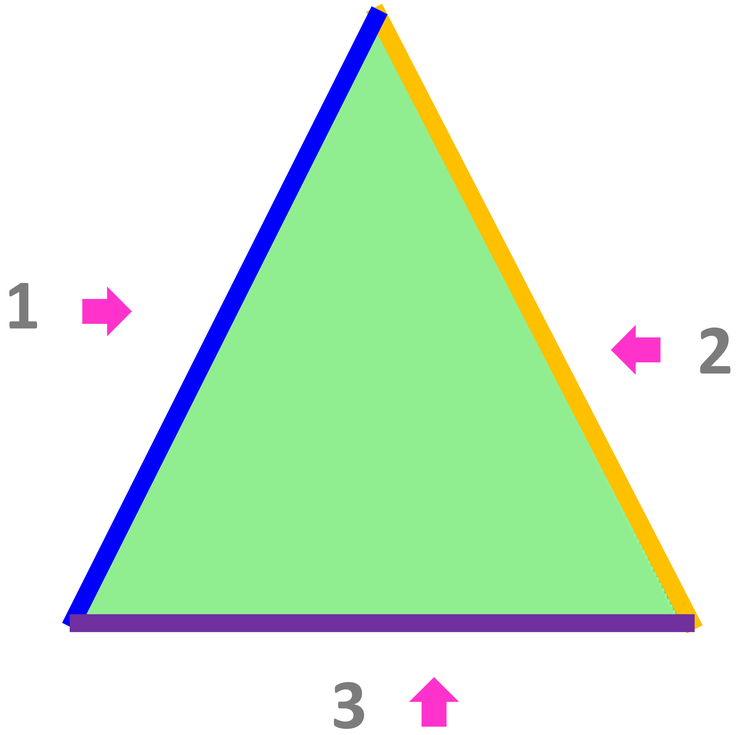


Sandwich

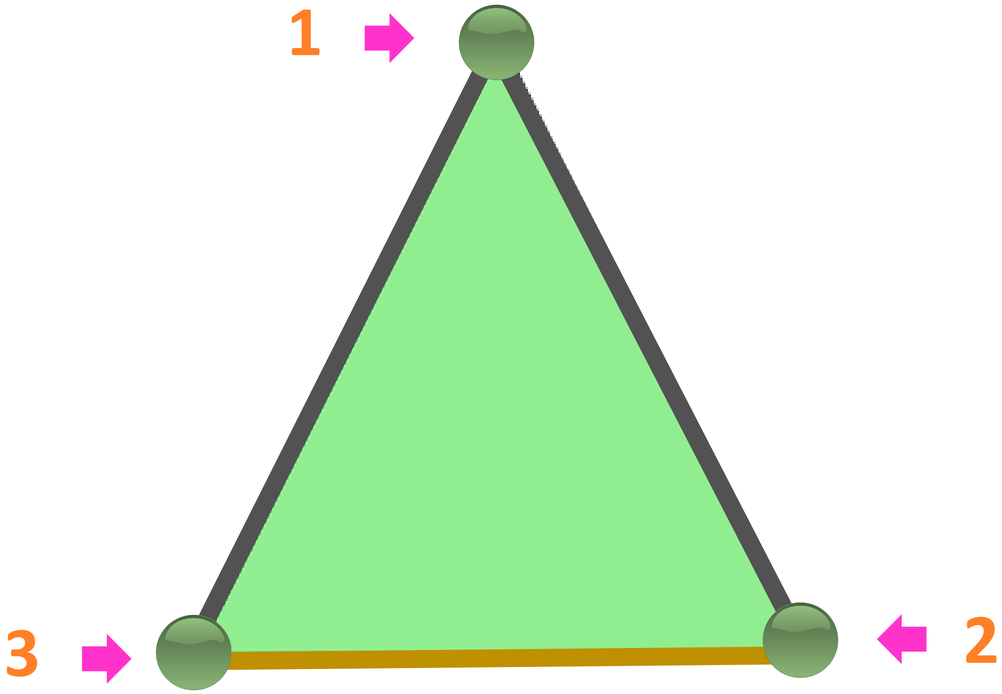
Traffic sign

Properties

Triangle has 3 equal sides and 3 equal corners.



3 Sides



3 Corners