

Mathematics

Class 1 (5-8)

Day 2

How to say 'hello'

السَّلَامُ عَلَيْكُمْ وَرَحْمَةُ اللَّهِ وَبَرَكَاتُهُ

What it means:

Peace, Mercy of Allâh and His Blessings be upon you.

Transliteration:

as-salaamu 'alaykum
wa rahmatullaahi wa
barakaatuh

Muslim & Al-Bukhari

Kids:

Saying hello to someone in an Islamic way brings a lot of reward. It is one of the best things a Muslim can do!

Mum and Dad:

Abdullah Ibn AAamr (RA) reported that a man asked the Prophet Muhammad ﷺ: Which Islam is the best?

He ﷺ replied, "Feed (the poor), and greet those whom you know as well as those whom you do not."



Geometry

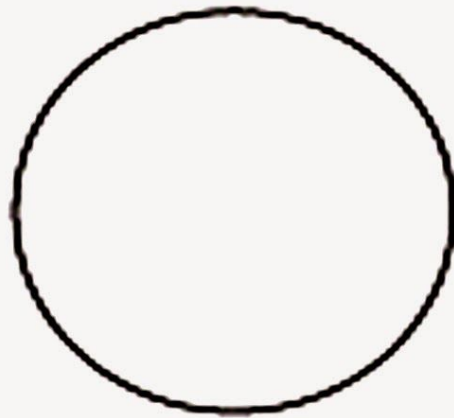
- Geometry is one the most important elements of Islamic art.
- Circles ,Squares, polygons and star shapes appear in all the arts.
- Mostly patterns are constructed from these four basic shapes.

- WE are going to talk about five main geometric shapes today.
 - 1) Circles
 - 2) Squares
 - 3) Rectangle
 - 4) Semi-circle
 - 5) Triangle

Circles

- A circle is an important shape in geometry. There are circles all around us in the real world.
- We can learn a lot about the real world and how it works by understanding circles.

Circle.



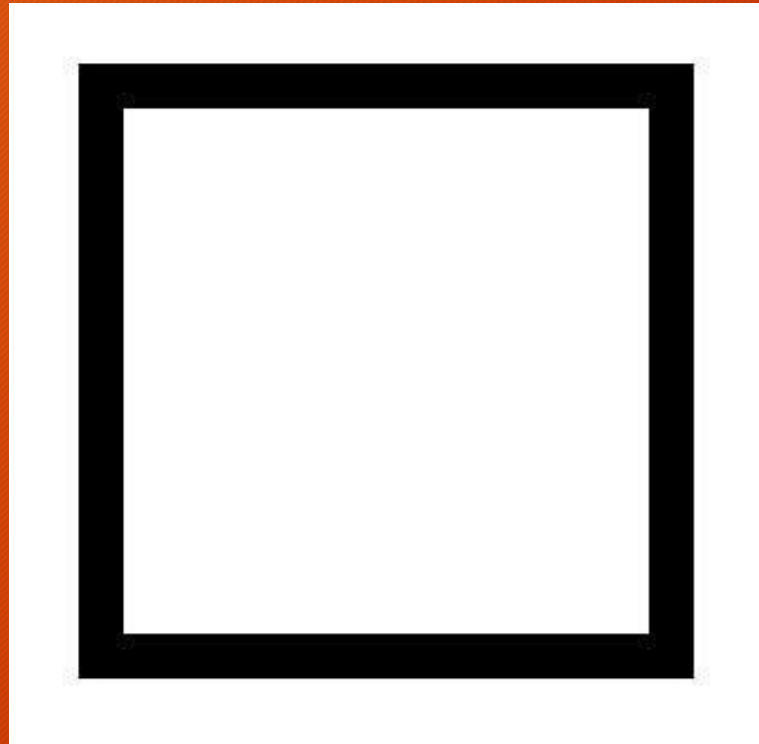
Examples



- <https://www.youtube.com/watch?v=JfYNkMgJfLo>

Square

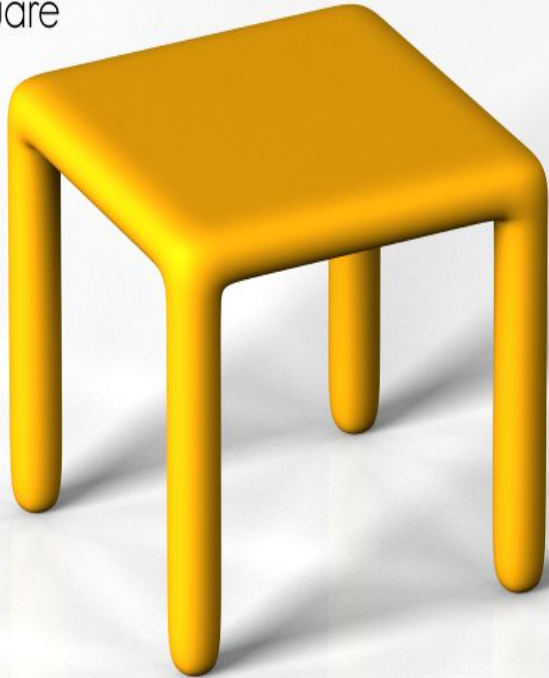
- A Square has four equal sides.



Examples

Roundy Square

Children's Table,
Onur Çobanlı, 2010



CRTV/SUB-EE/DBE LORO © 2010-04-08 JORRANGE

X: 595 mm
Y: 508 mm
Z: 595 mm

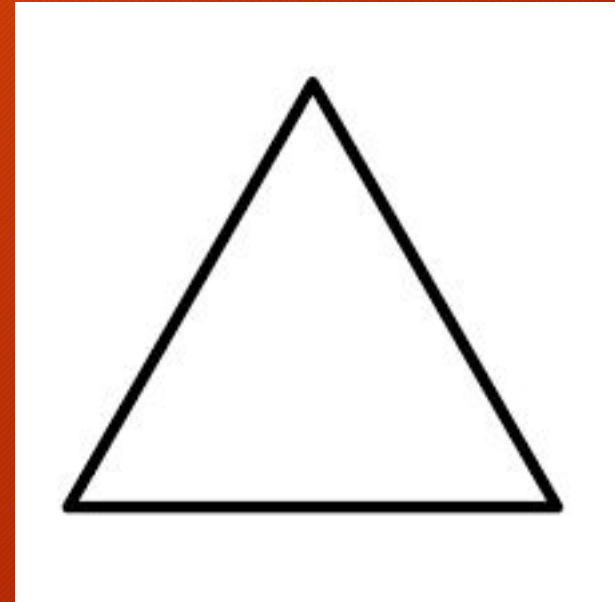
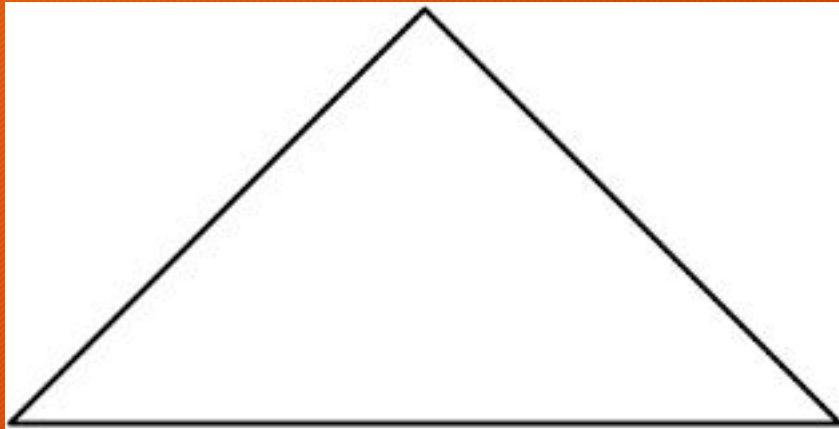
OMC design studios
www.omcdesign.com



- <https://www.youtube.com/watch?v=NS23xW73tT4>

Triangles

- A triangle has three sides.
- A triangle has many shapes.

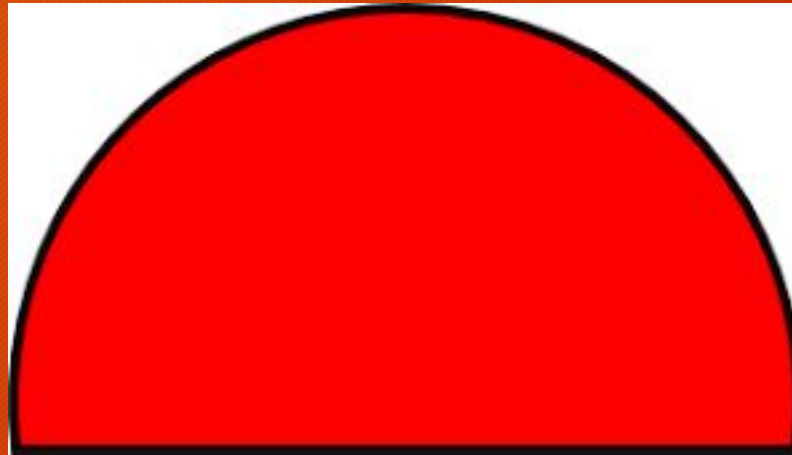


Examples

- <https://www.youtube.com/watch?v=AEpHfWFcfuw>

Semi-Circle

- Half of a Circle!!!!!!



Example

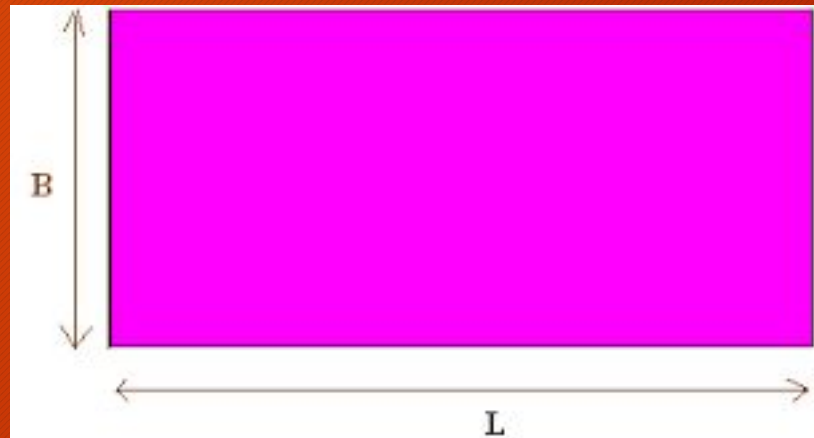
TOMB!!!!



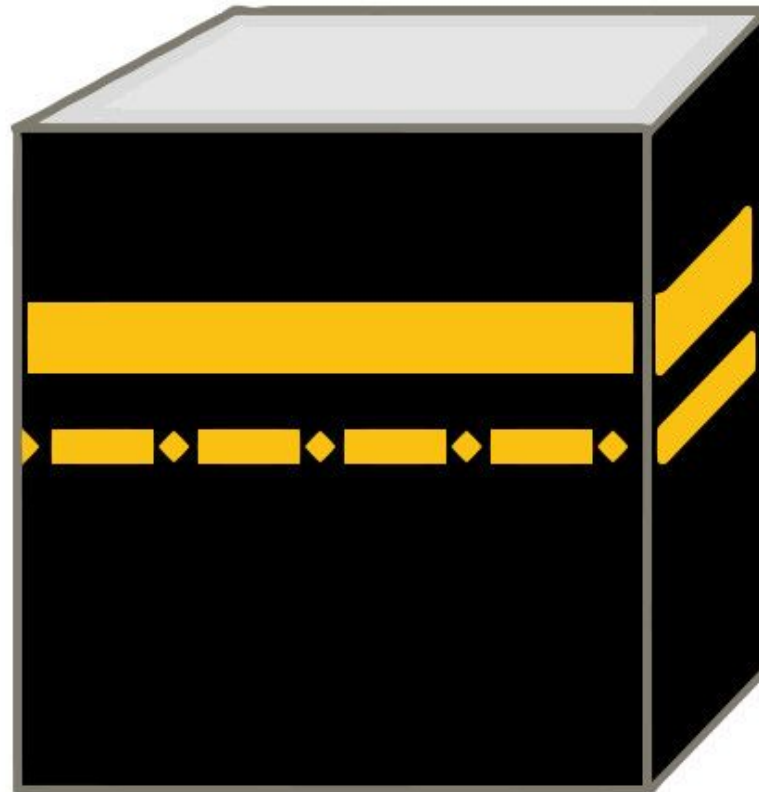
- <https://www.youtube.com/watch?v=fiqC1lw0SvM>

Rectangle

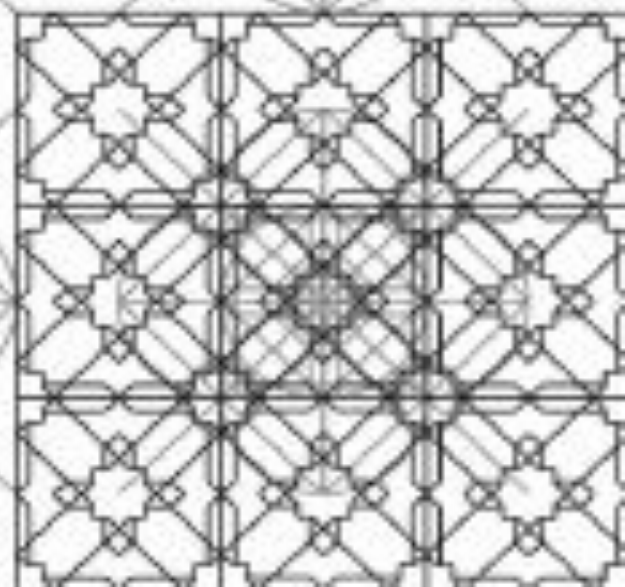
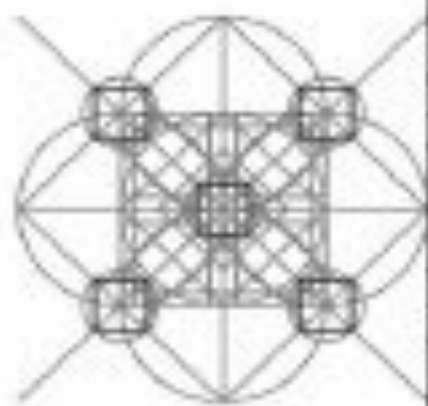
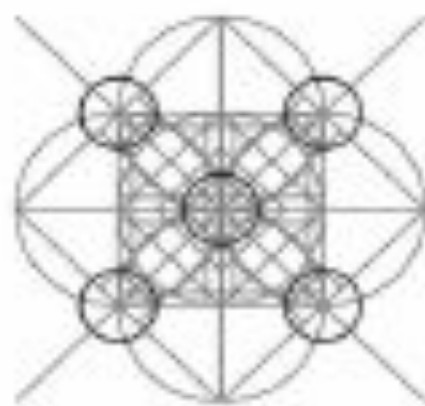
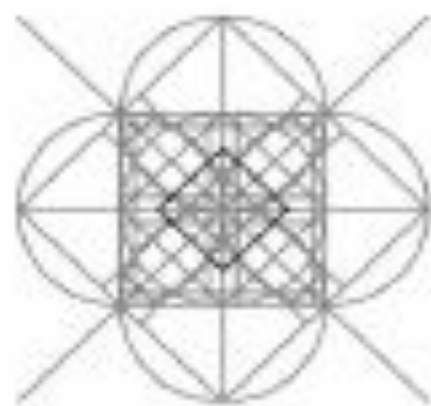
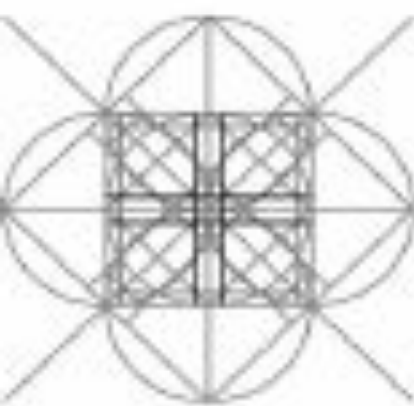
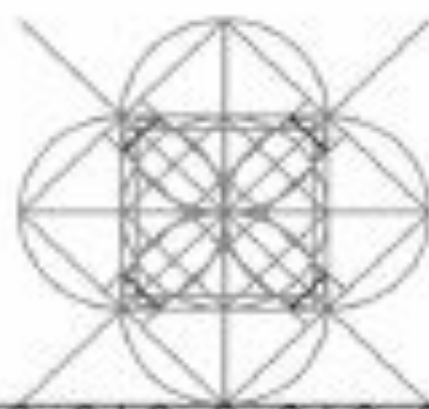
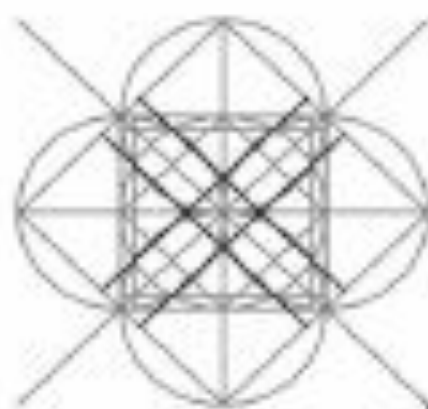
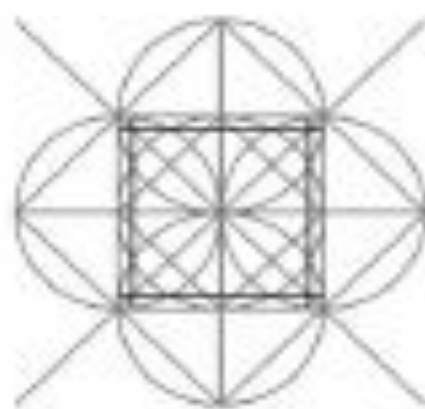
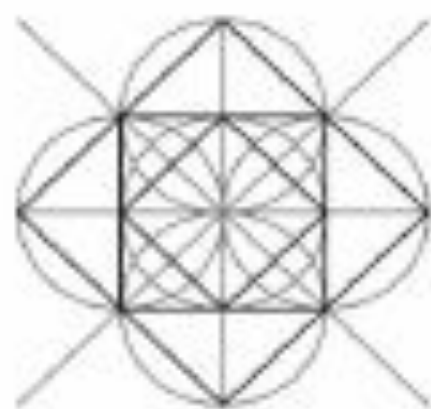
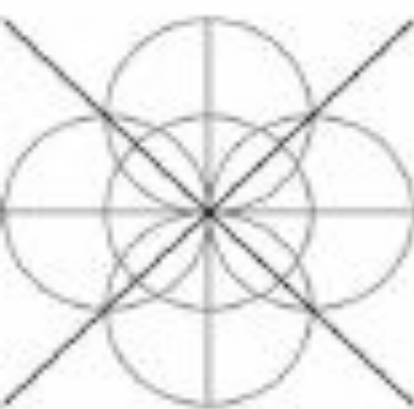
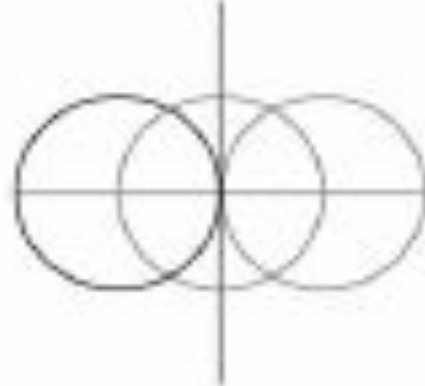
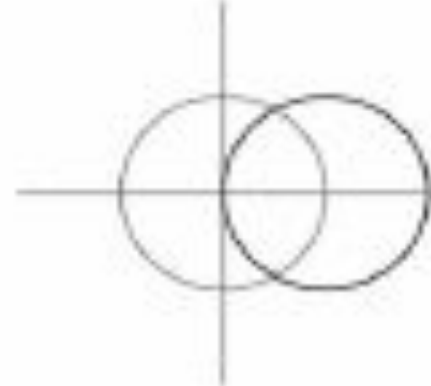
- A rectangle has four sides.
- All four sides are not EQUAL!!!!!!
- Difference between a rectangle and a square....
- Width and length



Example



- <https://www.youtube.com/watch?v=cW5muVaoK4I>



Activities

- Now, grab geometric shapes and identify them(.i.e. circle, rectangle, semi-circle, square, triangle...)
- Identify the geometric shapes

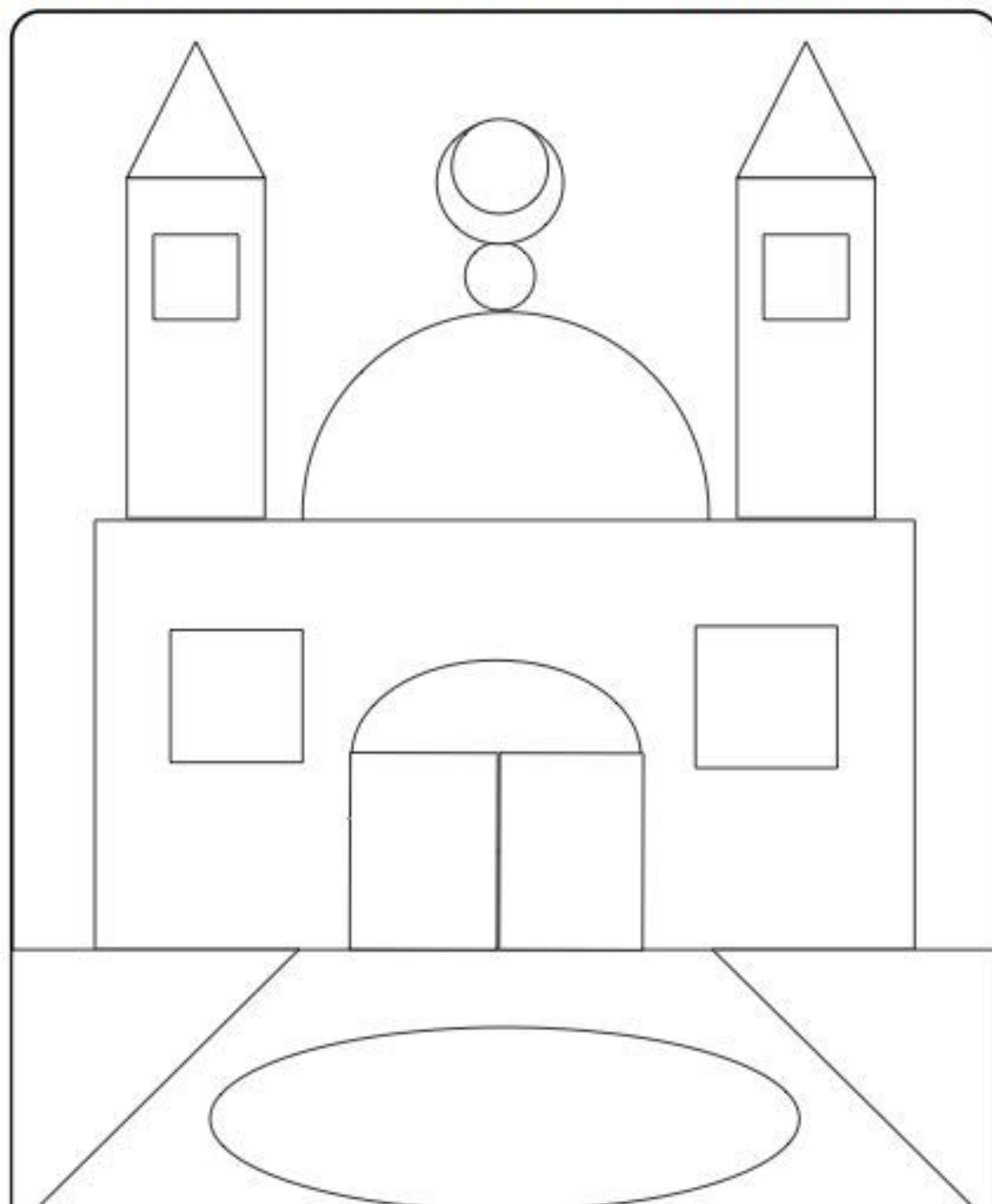
Activities

- Color the mosque
- Try finding different geometric shapes in the picture

MAJJID MATH #1

FIND THE SHAPES IN THE MAJID AND COLOR THEM :

square: purple **half-circle:** yellow **triangle:** green **oval:** blue **rectangle:** orange **circle:** red



Building The Mosque

- Finish making the Mosque from yesterday