

Name : _____ Class : _____



Activity 1 : Match Me!

Take a close look at the image of the exterior of San Agustin Church in Manila shown here!

Examine every part of the building's exterior from top to bottom!

Observation Steps

Step 1 - Observe the Church Roof

Look at the top surface of the church in the picture.

The roof surface appears pointed and has two sides of equal length.



 Write down your answer:
The shape of the top roof surface is _____

Step 2 - Observe the Roof Ornament

Now look at the center of the roof's surface.

It is curved, and nothing appears pointed.



 Write down your answer:
The shape of the ornament in the center of the roof is _____

Step 3 - Observe the Church Windows

Look closely at the surface of the church window panes.

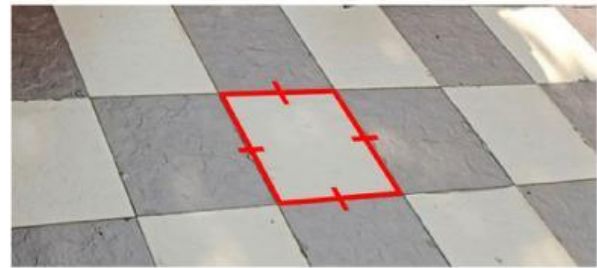
 Write down your answer:
The shape of the surface of the church window panes _____



Step 4 - Observe the Church Floor

Finally, observe the floor, which has four sides of equal length and is neatly arranged on the church floor.

 Write down your answer:
The shape of the floor tiles _____





Activity 2A : Characteristics of Two-Dimensional

Step 1 - Look at the options and check the box (Select the correct one)!

See the image of the roof surface of San Agustin Church on the right, which is shaped like an isosceles triangle:

- ☐ Two sides are of equal length
- ☐ Two angles are equal
- ☐ The sum of all angles is 180°



Take a look at the circular ornament on San Agustin Church!
Which statement is correct regarding this shape :

- ☐ Has a 90° angle
- ☐ Has one center point
- ☐ Has no angles but has one curved line



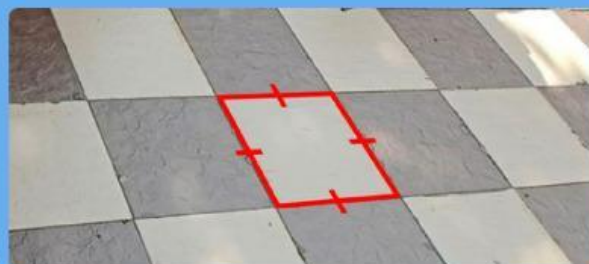
The surface of the church's window panes extends downward and is rectangular in shape.
Characteristics of a rectangle :

- ☐ Four 90° angles (right angles)
- ☐ Two pairs of parallel sides
- ☐ The sum of all angles is 180°



The surface of the mosque's tiles is square. Characteristics of a square:

- ☐ Each of the four angles is 90°
- ☐ The sum of all angles is 180°
- ☐ All four sides are equal in length





Activity 2B : Characteristics of Two-Dimensional

Step 2 - Match the pairs (Connect the Dots!)

Let's Review!

Before you start, try to recall the characteristics of two-dimensional shapes.

Each shape has different sides and angles.



Instructions:

- First, read all the characteristics in the left column.
- Visualize the shape: Are the sides the same length? Are the angles equal?
- Only then should you match it with the name of the two-dimensional shape in the right column.

Three sides of equal length

Hint: this shape usually also has three angles

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Has one continuous curved side

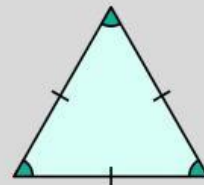
Hint: This shape has no corners and can be seen on the church's round window.

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Rectangle

All sides are the same length

Hint: This shape has four sides, and all of its sides are equal.

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Has two long sides and two shorter sides

Hint: this shape is seen on the surface of a windowpane

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Square



Activity 3 : Arranging Flat Shapes

Let's Get Creative!

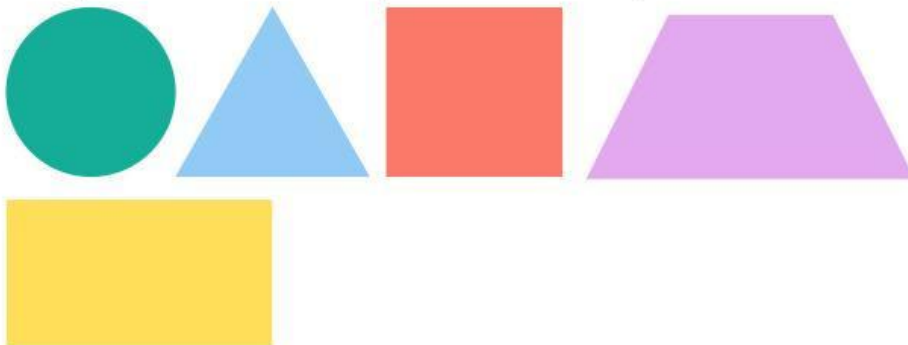
In this activity, you'll create a picture of a building such as a house, a small mosque, a tower, or another shape using the two-dimensional shapes provided below.



Steps for Completion

1. Observe All Two-Dimensional Shapes

First, look at all the shapes available in your worksheets:



2. Understand the Purpose of Each Building

Before you start building, first think about the function of each shape:

- Square / rectangle: suitable for walls or doors
- Triangle / trapezoid: good for roofs

3. Choose the building you want to create

Now close your eyes for a moment and imagine your building.

Choose the building you want to create:

- ☐ Small house
- ☐ Mini mosque
- ☐ Minaret
- ☐ Other buildings

It doesn't have to be the same as your friends'. Every child is allowed to have different ideas.

3. Choose the building you want to create

Click and drag the shape to the column provided, as you wish.

WORKSHEET

Flat Shapes Arrangement Column

Click and drag the flat shapes you want into this white column!

Plane Figures

