

Geometry Around the World

a math project by

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Mr. Mohyuddin's class

9th grade (teacher)



Congruent Segments: parts of lines that are the same length
Angkor Wat, Cambodia



Rhombus
a quadrilateral with
4 congruent sides

John Hancock Tower, Chicago



Trapezoid

a quadrilateral
with exactly
one pair of
parallel sides

Machu Picchu
Peru



Congruent Triangles

triangles that have 3 congruent sides and 3 congruent angles

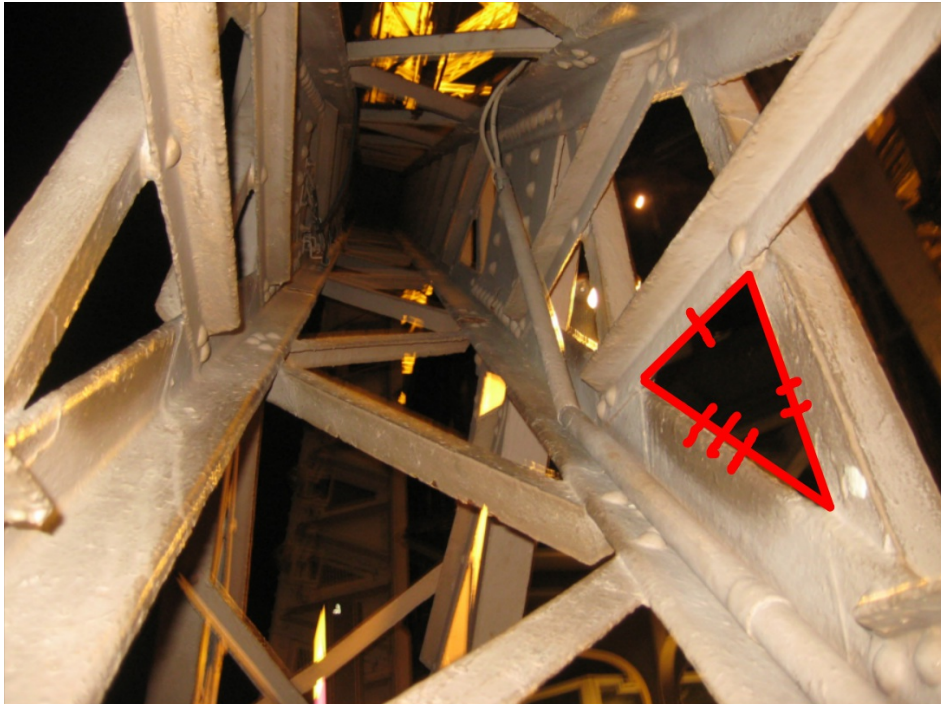
Bosphorus Bridge,
Istanbul, Turkey



Radius

a segment
from the center
to the edge
(circumference)
of a circle

Chora Church,
Istanbul Turkey



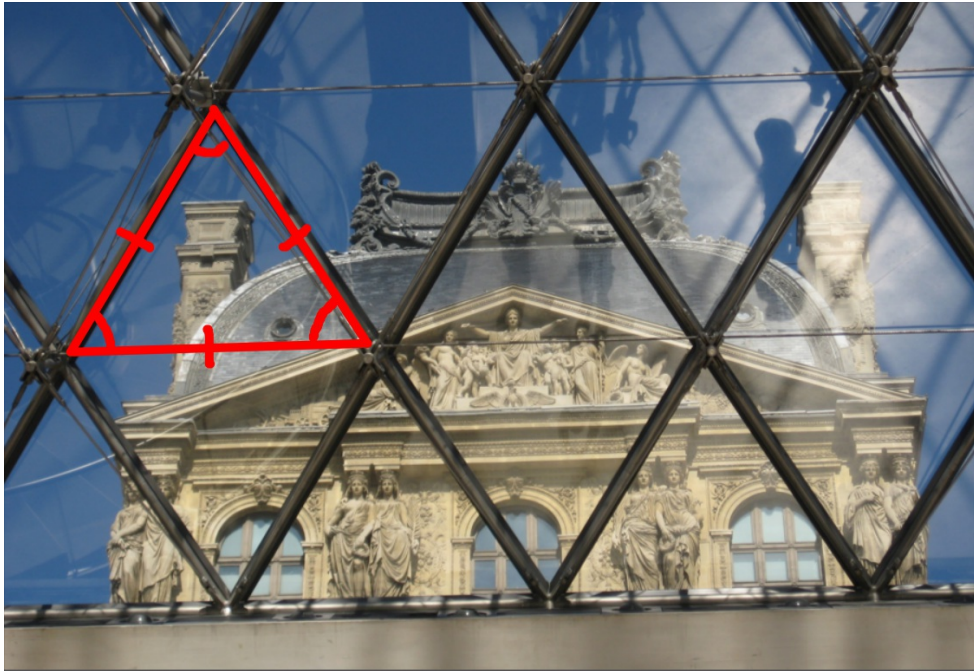
Scalene Triangle
a triangle whose
3 side lengths are
all
different

Eiffel Tower
Paris
France



Rotation
a transformation
where a figure is
turned
around a fixed point

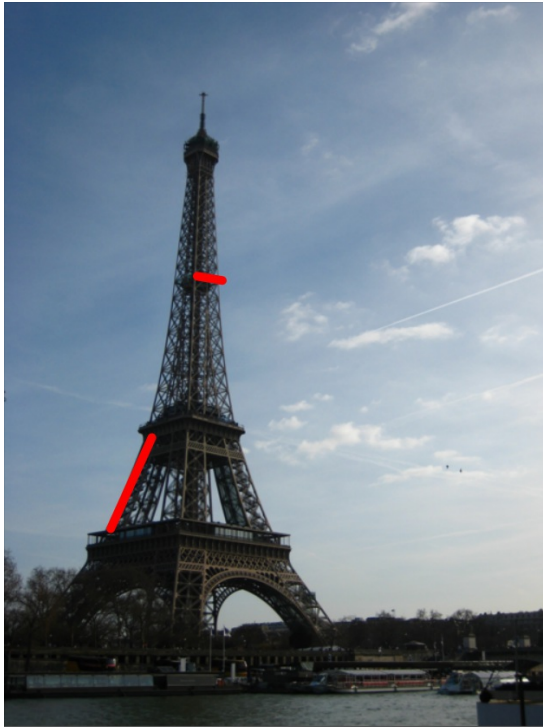
Moulin Rouge
Paris, France



Equilateral Triangle

triangle with three
congruent sides

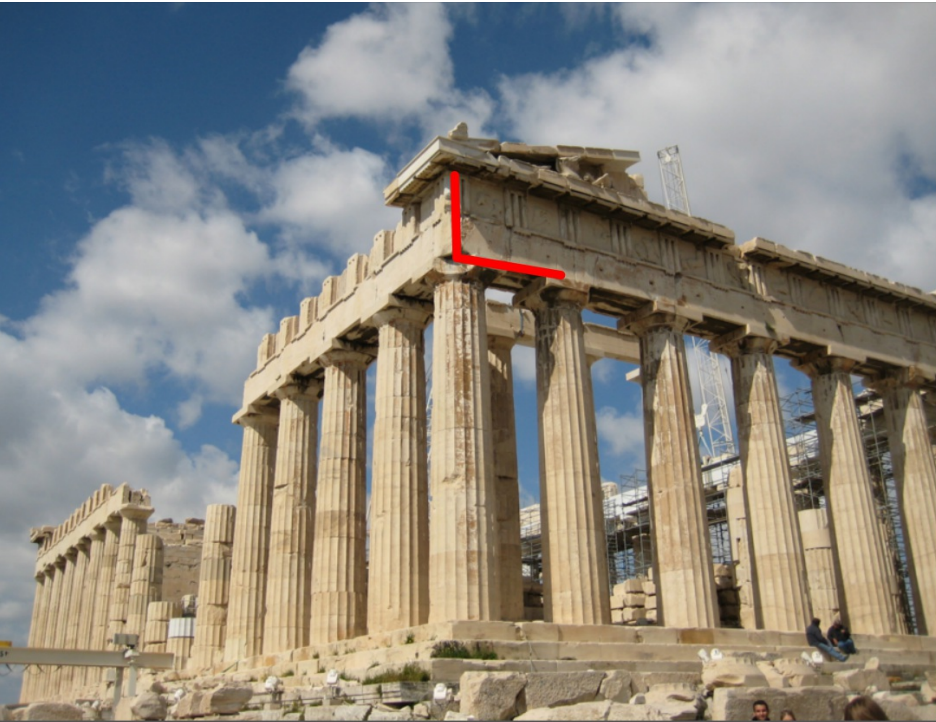
Musee du Louvre
Paris, France



Skew Segments

non-parallel lines on different planes
that do not intersect

Eiffel Tower
Paris, France



Perpendicular Segments

two segments that intersect at a right angle

Parthenon
Athens, Greece



Parallel Lines

Coplanar lines that do not intersect

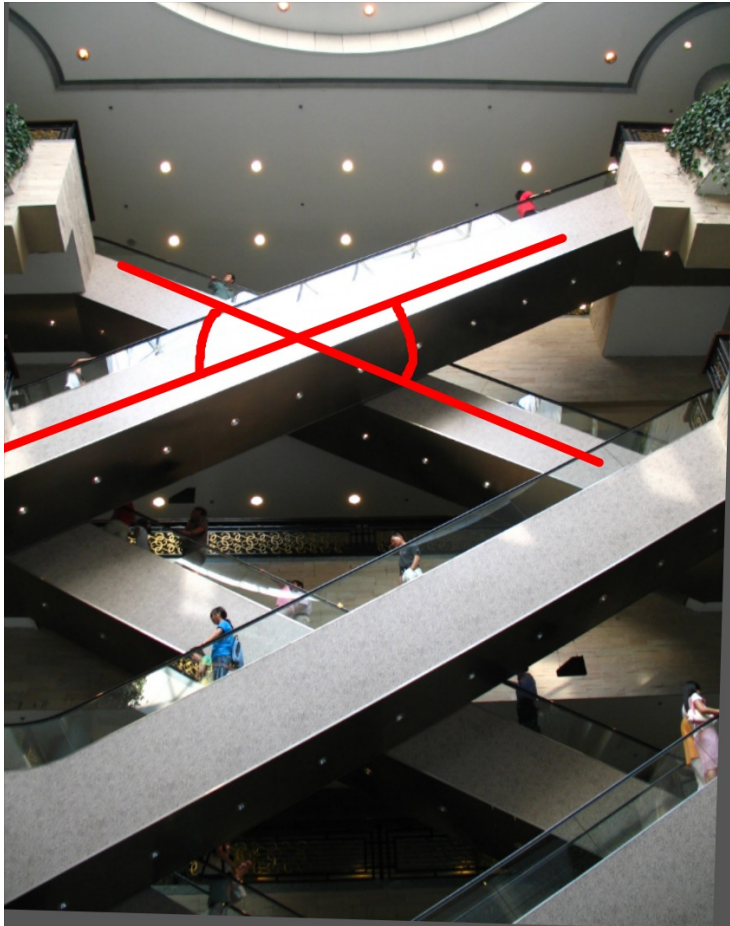
Khufu Pryamid
Giza, Egypt



Rectangle

Quadrilateral
with 4 right angles

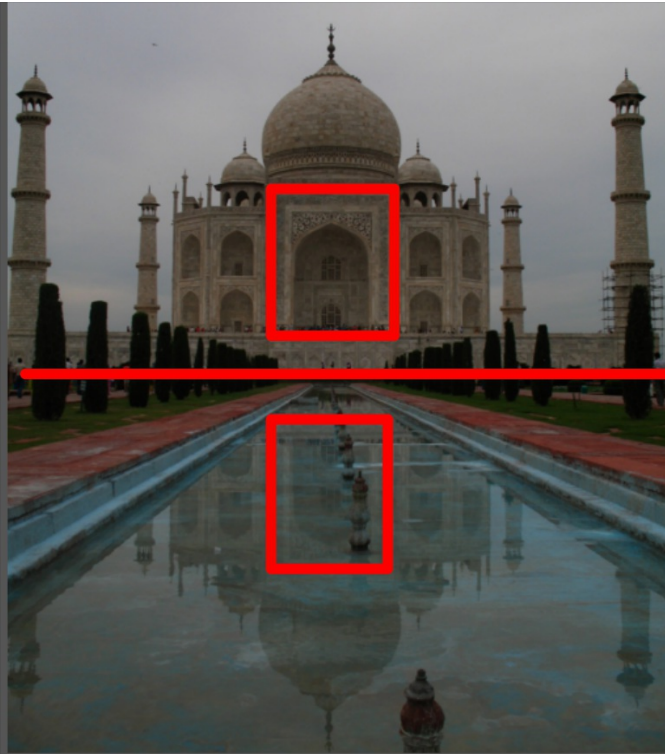
Shinjuku District
Tokyo, Japan



Vertical Angles

a pair of non-adjacent angles formed by the intersection of two lines

Shanghai Museum
Shanghai, China



Reflection
a transformation where
each point on a shape is
an equal distance on the
opposite side of a given
line (line of reflection)

Taj Mahal
Agra, India



Parallel Planes

planes (flat surfaces) that do not intersect

Machu Picchu
Peru

