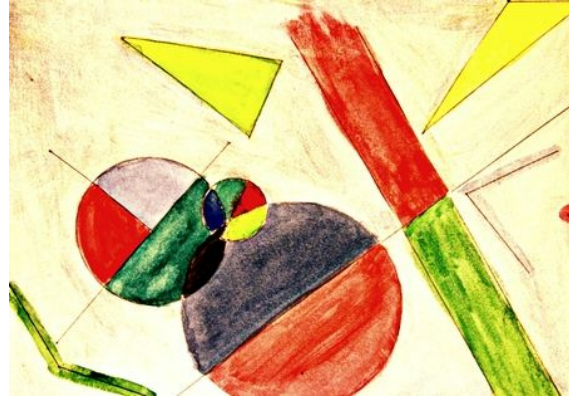


Name _____

Geometry Vocabulary

Abstract Art



SUPPLIES NEEDED:

Good quality watercolor paper

Pencil

Black permanent marker

Compass

Protractor

Ruler with centimeter measurement

Watercolor paints (you can also use acrylic paint, markers, or crayons if you wish).

The following terms are all vocabulary used in *Geometry*. Write the definition for each term.

Ray:

Line:

Line Segment:

Circle:

Radius:

Diameter:

Triangle:

Points:

Transversal line:

Obtuse:

Acute:

Grab a pencil, paper, a compass, a protractor, and a ruler and follow the directions to make your abstract art! Be creative!

1. Draw 2 rays that are parallel.
2. Draw 2 line segments that intersect.
3. Draw 1 line that goes from one side of the paper and all the way off another edge and transverses the two parallel rays.
4. Draw 1 circle with a radius of 6cm.
5. Draw 1 circle with a radius of 4 cm.
6. Draw 1 triangle in which one angle is 120 degrees.
7. Draw a 1 triangle in which one angle is 30 degrees.
8. Draw 1 circle with a diameter of 3.5cm.
9. Draw 3 points any size you wish.
10. Draw 1 obtuse angle.
11. Draw 1 acute angle.

When finished, trace with a thin-line black permanent marker. Erase your pencil lines and paint or color as you wish.

What did you learn from this assignment? Use the space below.