

**\*An Overview of the Properties for Plane Geometric Figures \***

**1. Lines:**

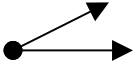


They are **straight** and **never-ending** (infinite? ). \_\_\_\_\_

Part of a line is a line segment. ●—● (Line?) \_\_\_\_\_

They are **not** curved, broken, and ending (finite?). \_\_\_\_\_

**2. Angles:**

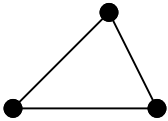


They are **from** 0 Degrees **to** 180 Degrees. \_\_\_\_\_

They are **created** from two half-lines. (Arrows?) \_\_\_\_\_

They can **never** be over 180 in Plane Geometry. \_\_\_\_\_

**3. Triangles:**

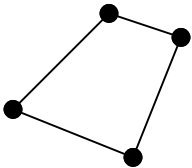


They **three** sided **closed** figures. (Polygons?) \_\_\_\_\_

The **Sum** of the Interior Angles = **180** Degrees. \_\_\_\_\_

They can **never be open** three sided figures. \_\_\_\_\_

**4. Quadrilaterals**

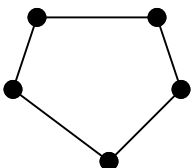


They are **four** sided **closed** figures. (Polygons?) \_\_\_\_\_

They **sum** of the Interior Angles = **360** Degrees. \_\_\_\_\_

They can **never be open** four sided figures. \_\_\_\_\_

**5. Polygons:**

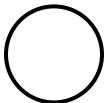


They are **many**-sided closed figures. \_\_\_\_\_

They **sum** of Interior Angles = **Sum** of **Ts&Qs** \_\_\_\_\_

The can **never be open** sided figures. \_\_\_\_\_

**6. Circles:**



Set of Points equal distance from a Unique Point. \_\_\_\_\_

Related: Center, Radius, Diameter, Circumference \_\_\_\_\_

Relationships: **D = 2 x R**      **C = TT x D** \_\_\_\_\_

**7. Solid Rectangular Figures:**

Cube      Prism      Pyramid \_\_\_\_\_

**8. Solid Curlinear Figures:**

Sphere      Cylinder      Cone \_\_\_\_\_