

GEOMETRY LESSON 11-1

Circle: A circle is the set of all points in a plane that are a given distance from a given point, called the center of the circle..

Segments of a Circle:

Radius – a line segment with one endpoint at the center and one endpoint on the circle.

Chord – a line segment with both endpoints on the circle.

Diameter - a chord that passes through the center of the circle.

Theorem 11-1: All radii of a circle are congruent.

Theorem 11-2: The measure of the diameter d of a circle is twice the measure of the radius r of the circle.