# Parts of Circle

## LEARNING COMPETENCIES

- Illustrates a circle and the terms related to it: center, radius, diameter, chord, circumference, arc, central angle, and inscribed angle.

## TERMS & CONCEPTS

**Circle**

A round plane figure whose boundary consists of points with equal distances from a fixed point.

**Center**

The center of the circle is the fixed point from which all points on the boundary of the circle are of equal distance.

**Radius**

The distance from the center of the circle to any point on the circle.
The plural of Radius is Radii.

**Diameter**

A segment from one point on the circle to another, passing through the center.
Diameter is the longest chord of the circle.
Diameter divides the circle into two equal semi-circles.

**Take Note:**
Radius is equal to half of the Diameter.
Diameter is equal to twice of the Radius.

**Chord**

A line segment joining two different points on the circumference of a circle. It is a segment whose endpoints both lie on the circle. A circle can have any number of chords.

LIVEWORKSHEETS