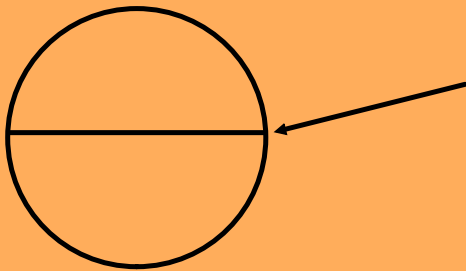


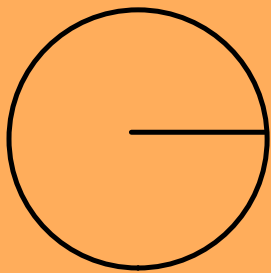
Unit 8: Circle Geometry

Introduction - Terms



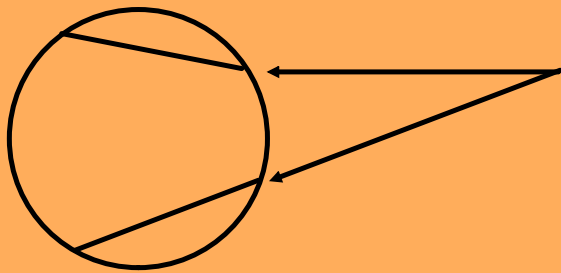
Diameter

the distance across a circle, measured through its center; or the line segment that joins two points on the circle and passes through the center.

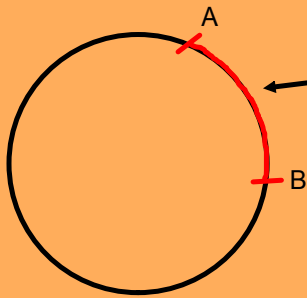


Radius

the distance or line segment from the center of a circle to any point on the circle



Chord(s)
a line segment that joins two
points on a circle



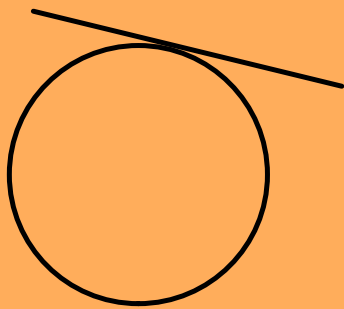
Arc

a segment of the circumference of a circle

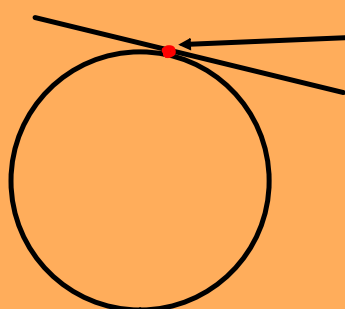
Minor Arc

the shorter of the two arcs between two points on a circle

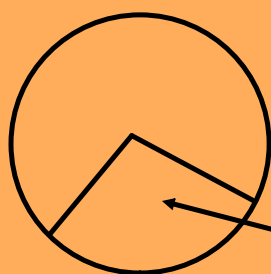
For example \widehat{AB}



Tangent
a line that intersects a circle at
only one point

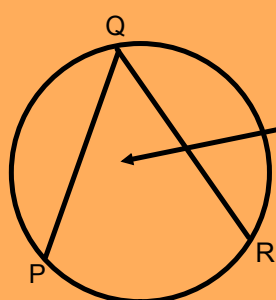


Point of Tangency
the point where a tangent
intersects a circle



Central Angle

An angle whose arms are radii of a circle



Inscribed Angle
an angle in a circle with its vertex
and endpoints of its arms on the
circle
For example, $\angle PQR$