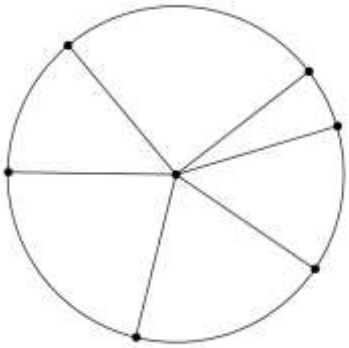
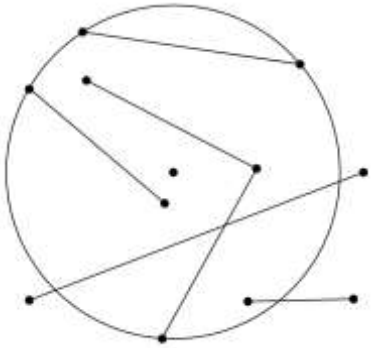
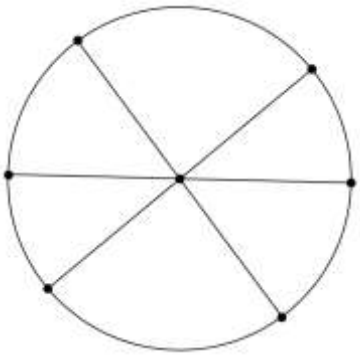
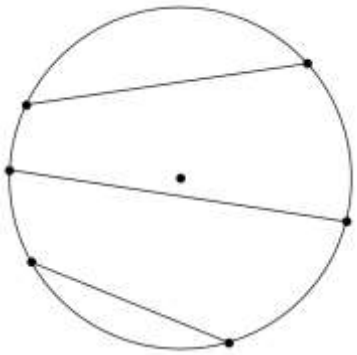
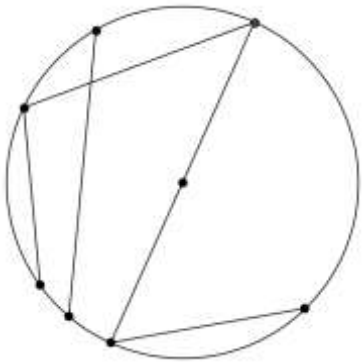
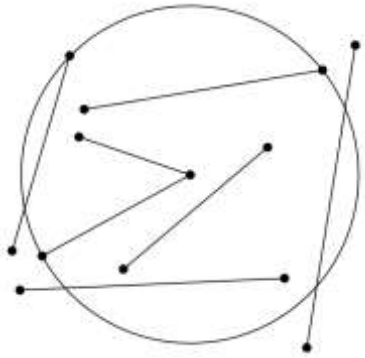
Name _____ Date _____

Angle Relationships in Circles

Engage – Answer Key

Directions: For each term below, examine the sets of examples and non-examples. Use your observations to write a definition for each term.

Examples	Non-Examples	Definition
These are radii (plural of radius). 	These are not radii. 	Definition of Radius: ***A radius is a line segment with one endpoint at the center of the circle and one endpoint on the circle.***
These are diameters. 	These are not diameters. 	Definition of Diameter: ***A diameter is a line segment with both endpoints on the circle that passes through the center of the circle.***
These are chords. 	These are not chords. 	Definition of Chord: ***A chord is a line segment with both endpoints on the circle.***

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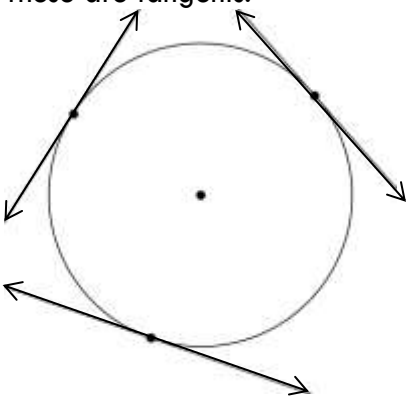
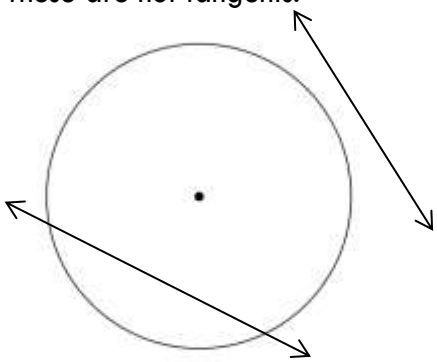
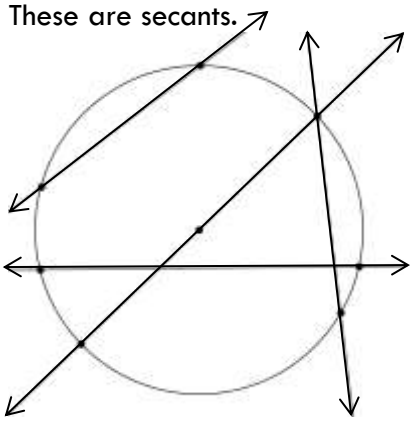
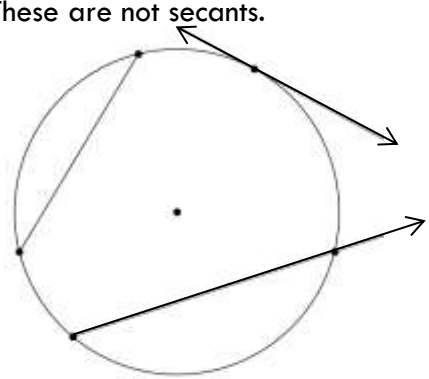
These are tangents. 	These are not tangents. 	Definition of Tangent: ***A tangent is a line that intersects a circle at only one point.***
These are secants. 	These are not secants. 	Definition of Secant: ***A secant is a line that intersects a circle at two points.***

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