

Core Concept Circle Vocabulary

Radius			
Chord			\overline{AC}
Diameter			\overline{AG}
Secant			\overline{DE}
Tangent			\overline{AB}
		\overline{AH}	

Theorems

<p>A line is _____ to a circle iff it is _____ to the _____</p>	<p>_____ segments from a common _____ are _____</p>

Examples:

<p>1) Is \overline{ST} tangent to $\odot P$?</p>	<p>2) In the diagram, point B is a point of tangency. Find the radius r of $\odot C$.</p>
<p>3) Is \overline{AB} tangent to $\odot C$?</p>	<p>4) \overline{ST} is tangent to $\odot Q$. Find the radius of $\odot Q$.</p>