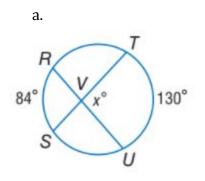
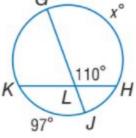
Secant:

Theorem 10.12	If two secants of chords intersect in the interior of the circle, then the measure of an angle formed is one half of the sum of the measure of the arcs intercepted by the angle and its vertical angle.	A 12 C
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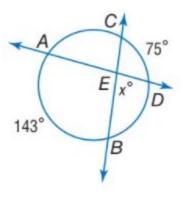
1. Find *x* in the following:

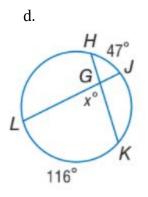


c. G

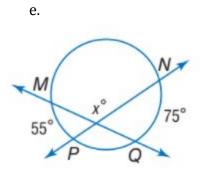


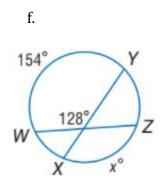


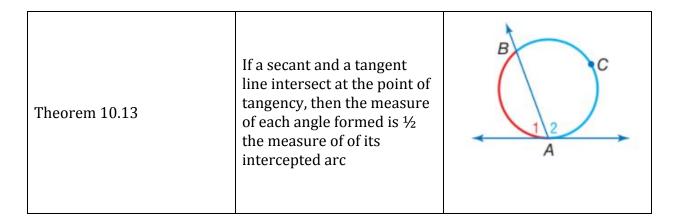




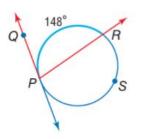
10.6 Secants, Tangents, and Angle Measures Geometry CP



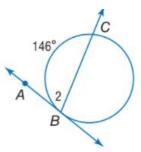




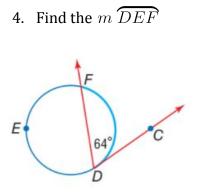
2. Find the $m \sqsubseteq QPR$

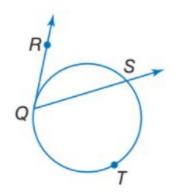


3. Find the m/2

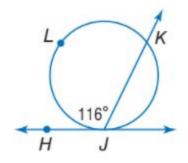


10.6 Secants, Tangents, and Angle Measures Geometry CP



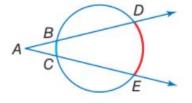


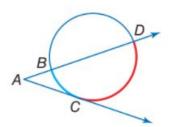
5. Find the $m \ \overline{JLK}$

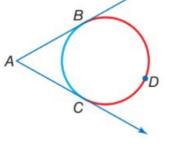


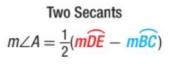
6. Find the $m \angle QRS$, if $m \overline{QTS} = 238$

Theorem 10.14	If two secants, a secant and a tangent, or two tangents intersect in the exterior of a circle, then the measure of the angle formed is one half of the difference of the measure of the intercepted arcs.
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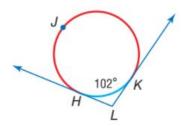


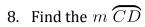


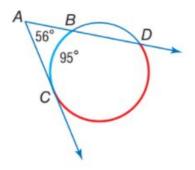




7. Find the m/L

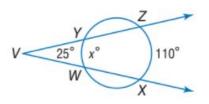




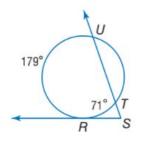


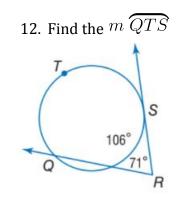
10.6 Secants, Tangents, and Angle Measures Geometry CP

11. Find the value of *x*



9. Find the m / S





10. Find the $m \overline{XZ}$

