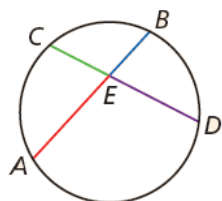


Geometry: 11.6 Notes

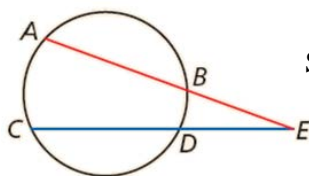
Chord-Chord Product Theorem: The _____ of the lengths of the _____ of the chords are _____



Chords _____ and _____ intersect at _____.

$$\underline{\hspace{1cm}} \cdot \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \cdot \underline{\hspace{1cm}}$$

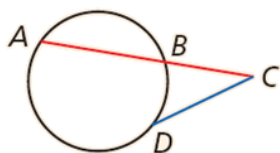
Secant-Secant Product Theorem: The _____ segment multiplied by the _____ part is equal to the other secant segments _____ by its external part.



Secants _____ and _____ intersect at _____.

$$\underline{\hspace{1cm}} \cdot \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \cdot \underline{\hspace{1cm}}$$

Secant-Tangent Product Theorem: _____ segment multiplied by its external part = the tangent _____.

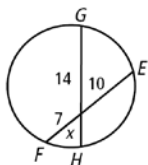


Secant _____ and tangent _____ intersect at _____.

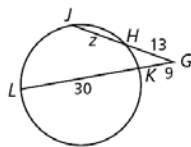
$$\underline{\hspace{1cm}} \cdot \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

Examples:

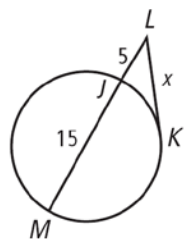
- Find the value of x.



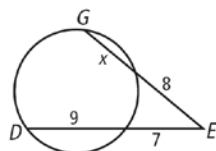
- Find JG.



3. Find the value of x .



4. Find GE .



5. Find DC .

