Accel. Geometry Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Other Angle Relationships in Circles Period \_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Theorem: If a tangent and a chord intersect at a point on the circle, then the measure of each angle formed is



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Theorem: If two chords intersect inside a circle, then the measure of each angle is

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Theorem: If a tangent and a secant, two tangents, or two secants intersect outside a circle, then the measure of the angle formed is

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Find the measure of each numbered angle or arc:



1. 2. 3.

4. 5. 6.

7. 8.  

Find the value of x:



9. 10.