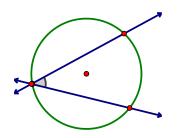
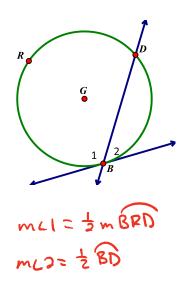
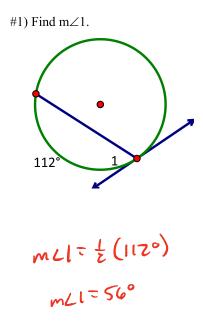
Circles - Internal, External and Tangent Angles

Inscribed Angle (ON)



Theorem: If a tangent and a secant (or chord) intersect at a point on a circle, then the measure of each angle formed is one half the measure of its intercepted arc.



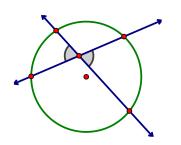


Notes Section 13.4

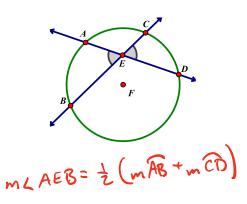
Interior Angle (IN)

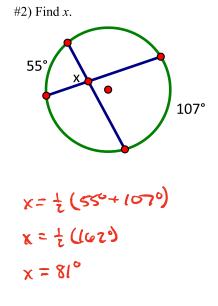
Exterior Angle (OUT)

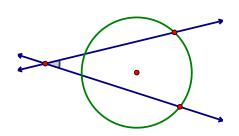
Name_



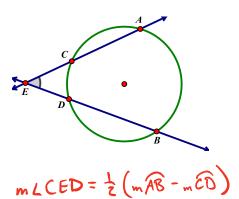
Theorem: If two secants (or chords) intersect in the interior of a circle, then the measure of each angle formed is one half the sum of the measure of arcs intercepted by the angle and its vertical angle.

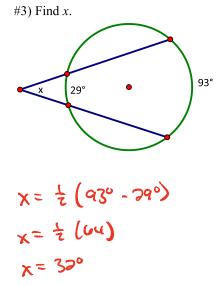




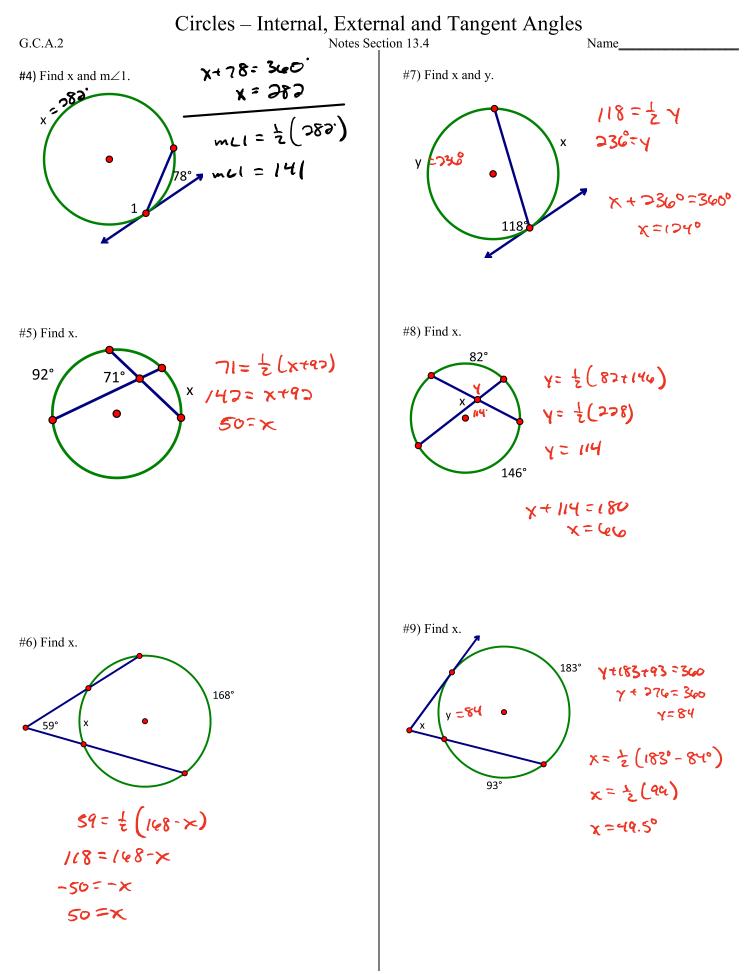


Theorem: If any combination of secants and tangents intersect in the exterior of a circle, then the measure of each the angle formed is one half the difference of the measure of arcs intercepted arcs.





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