

"The measure of an angle formed by a tangent and a chord drawn to the point of tangency is exactly ½ the measure of the intercepted arc."

Find the most appropriate value for 'x' in each of the diagrams below. (Assume CE is tangent to the circle.)



Find the most appropriate value for 'x' in each of the diagrams below. (Assume CE is tangent to the circle.)



"The measure of an angle formed by two intersecting chords of the same circle is exactly ½ the measure of the sum of the two intercepted arcs."

Find the most appropriate value for 'x' in each of the diagrams below. (Assume point 'A' is the center of the circle.)

Unit 4-3







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x =

M. Winking



Find the most appropriate value for 'x' in each of the diagrams below. (Assume point 'A' is the center of the circle.)





"The measure of an angle formed on the exterior of a circle by two intersecting secants of the same circle is exactly ½ the measure of the difference of the two intercepted arcs."

Find the most appropriate value for 'x' in each of the diagrams below. (Assume point 'A' is the center of the circle.)



Find the most appropriate value for 'x' in each of the diagrams below. (Assume point 'A' is the center of the circle.)

