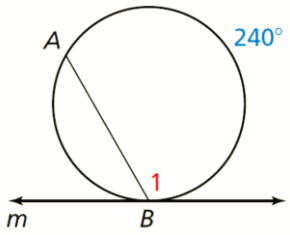
Geometry

10.5 Apply Other Angle Relationships in Circles

If a _____ and a _____ intersect at the point of _____, then the measure of each angle formed is _____ the measure of its _____.

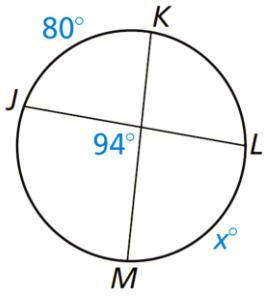
Find $m\angle 1$.



Angles Inside the Circle Theorem

If two _____ intersect in the _____ of a circle, then the measure of an _____ formed is _____ the _____ of the measures of the _____ by the _____ and its _____.

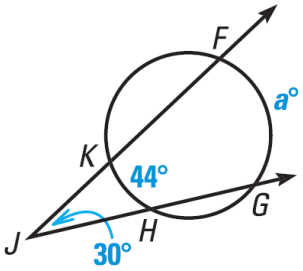
Find the value of x.



Angles Outside the Circle Theorem

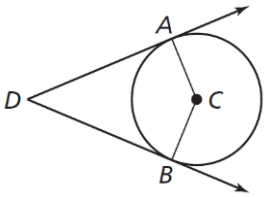
If two _____, _____, or _____ intersect in the _____ of a circle, then the measure of the _____ formed is _____ the _____ of the measures of the _____.

What is the value of a?



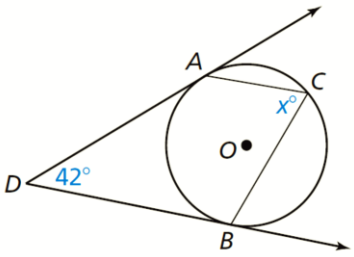
Circumscribed Angles Theorem

The measure of a _____ angle is equal to _____ minus the measure of the _____ angle that intercepts the same _____.



_____

What is the value of x?



Assignment: 546 #2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 17, 29, 32, 35, 36, 37, 39 = 20 total