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## Segment Relationships on Circles

Now that you know what the parts that interact with a circle are called, it's time to learn how to evaluate them (determine their value). All of the parts on a circle have a specific relationship. For example, a diameter is always twice as big as a radius. If you know the rules of those relationships, then you can use those rules to solve problems. Today, we're going to focus on the segments. Here are two rules that govern tangents, secants, and chords...


Determine the value of $x$.



