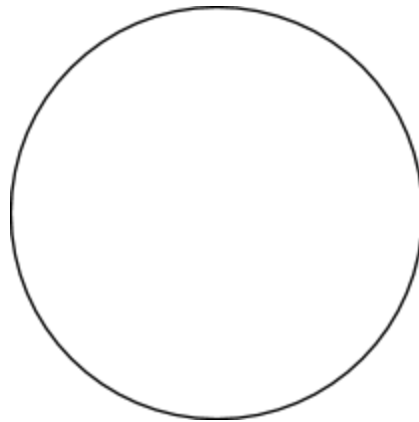


Central Angle:

Minor Arc:

Major Arc:

Semicircle:



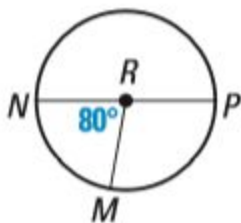
Naming Arcs

Measuring Arcs:

- Measure of a minor arc:

- Measure of a major arc:

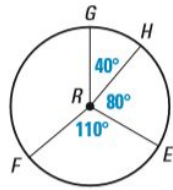
1. Find the measure of each of the arcs in $\odot R$



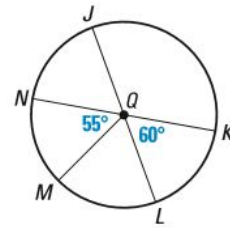
<p>Arc Addition Postulate (Postulate 26)</p>	<p>The measure of an arc formed by two adjacent arcs is the sum of the measures of the two arcs</p>	<p>A circle with center M. Two adjacent arcs are shown: arc HJ (red) and arc JK (blue). Radii MH, MJ, and MK are drawn from the center M to the endpoints of the arcs.</p>
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2. Find the measure of each arc:

a.

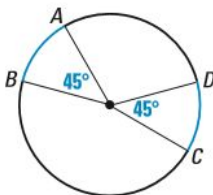


b.

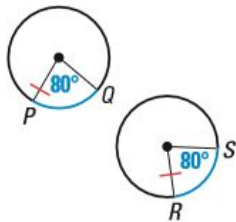


Congruent Arcs:

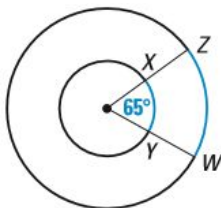
3. Find the measure of arc AB and arc DC. Are the arcs congruent?



4. Find the measure of arc PQ and arc SR. Are the arcs congruent?

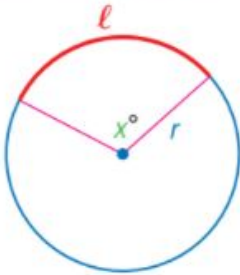


5. Find the measure of arc XY and arc ZW. Are the arcs congruent?



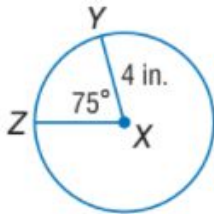
Arc Length:

The ratio of the _____ to the _____
of the circle is equal to the ratio of the _____ to _____

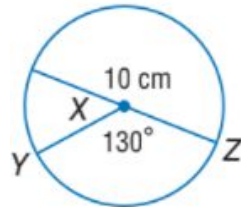


6. Find the length of \widehat{ZY} . Round to the nearest hundredth

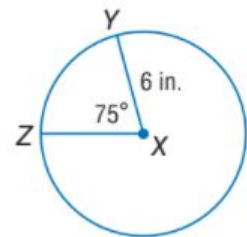
a.



b.



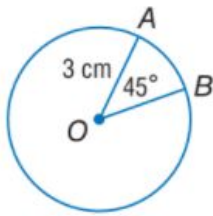
c.



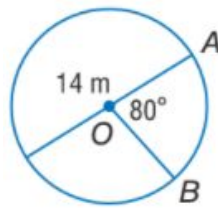
10.2 Measuring Angles and Arcs
Geometry CP

7. Find the length of \widehat{AB} . Round to the nearest hundredth.

a.



b.



c.

