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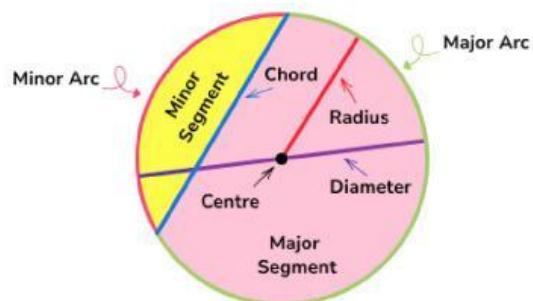
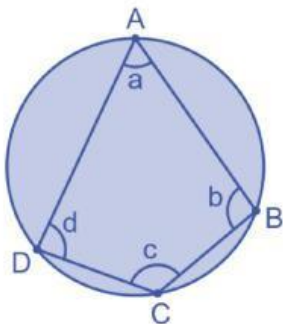


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Title: Geometry: 15.2 **Angles in Inscribed Quadrilaterals**

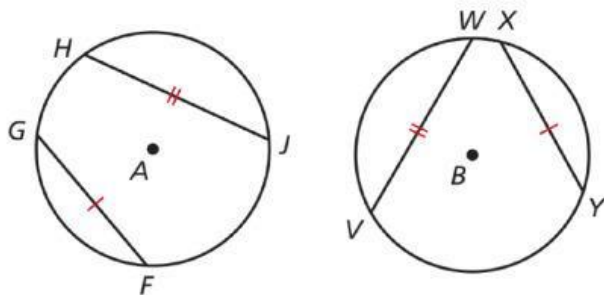
Instructions: Copy the following questions to your notebook and solve them. Once done submit them on Schoology

Hints:

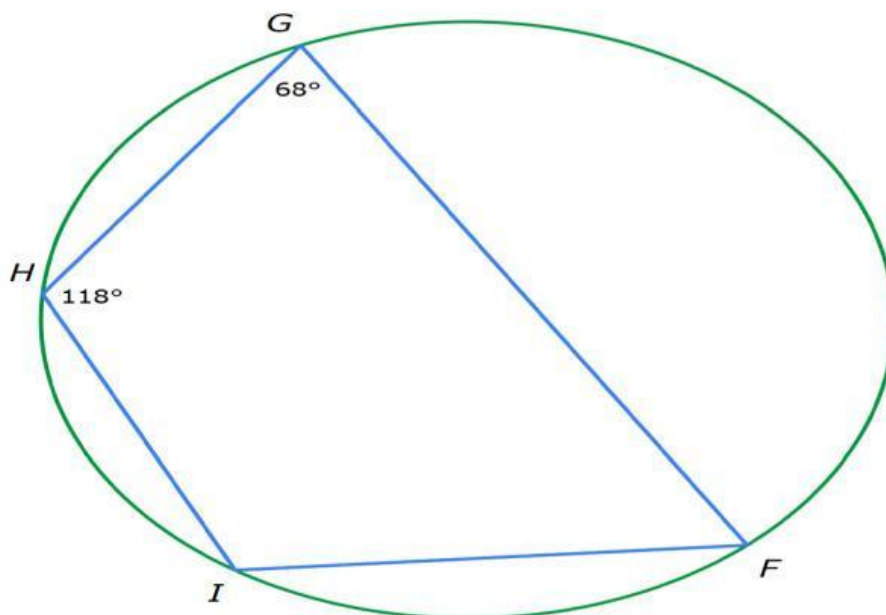


$$m\angle A + m\angle C = 180^\circ \text{ and } m\angle B + m\angle D = 180^\circ$$

Q1) Circles A and B are congruent. List two pairs of congruent arcs.



Q2) What are  $m\angle F$  and  $m\angle I$ ?



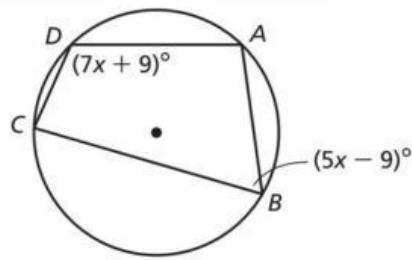
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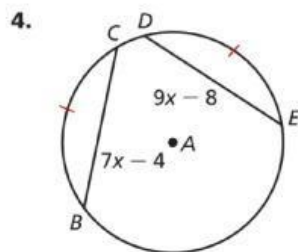


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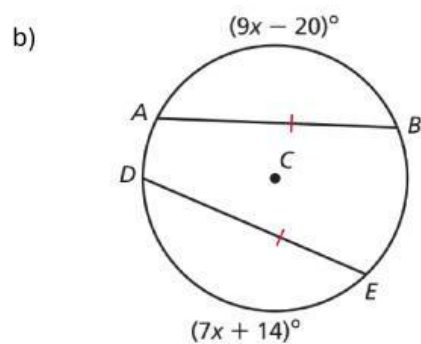
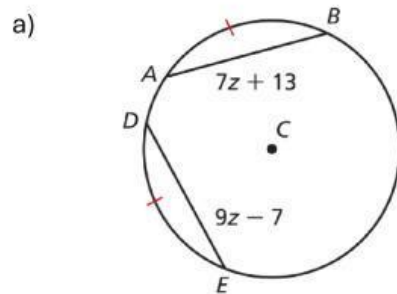
Q3) Find the value of  $x$ .



Q4) Find the value of  $x$ .



Q5) Find the measure of each chord or arc.



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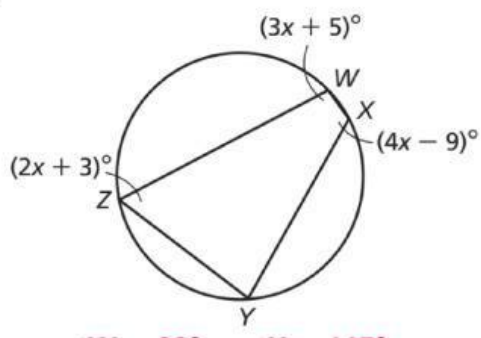
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Q6) Find the interior angle measures of each inscribed quadrilateral.

a)



b)

