

Name:

Date:

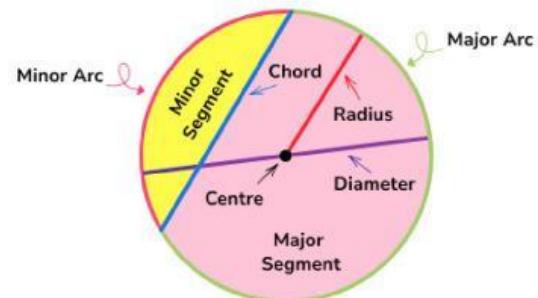
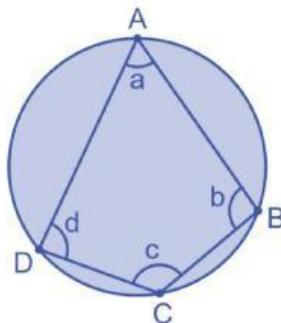


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Title: Geometry: 15.2 Angles in Inscribed Quadrilaterals

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

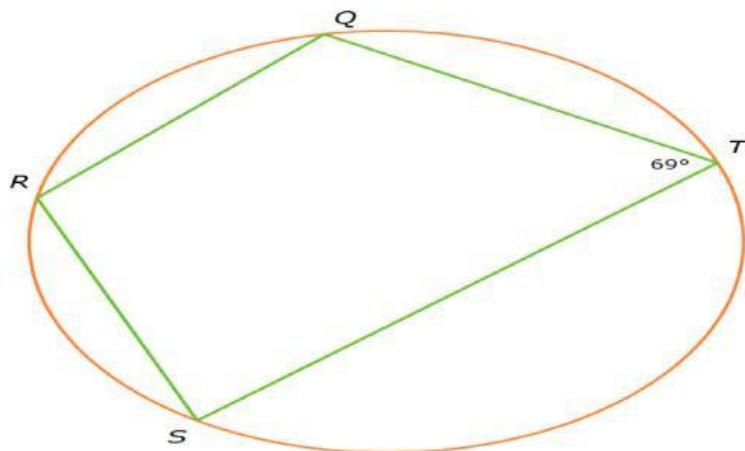
Hints:



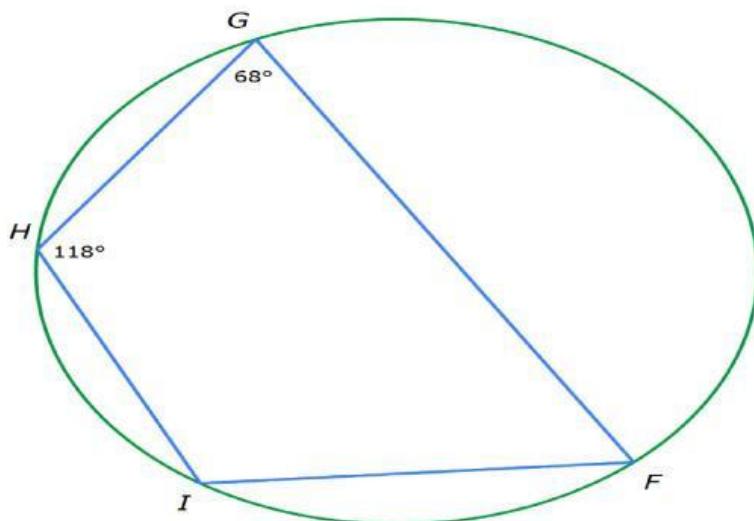
$$m\angle A + m\angle C = 180^\circ \text{ and } m\angle B + m\angle D = 180^\circ$$

What is $m\angle R$?

Q1)



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



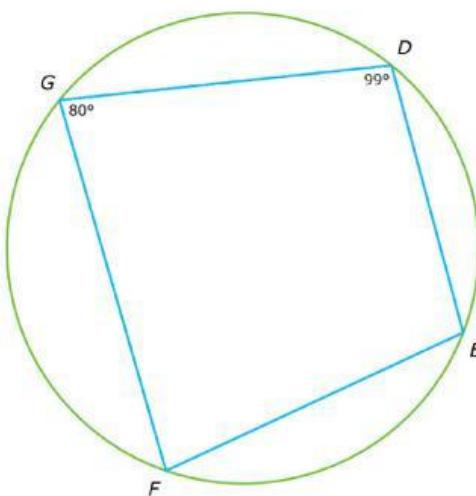
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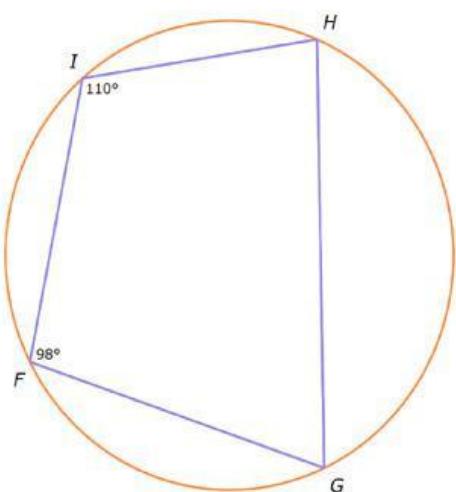


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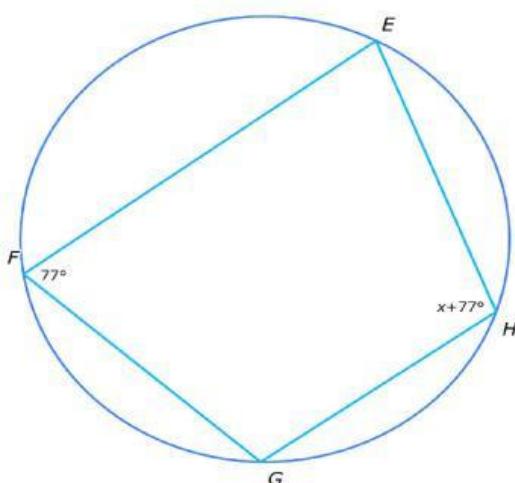
Q3) What are $m\angle E$ and $m\angle F$?



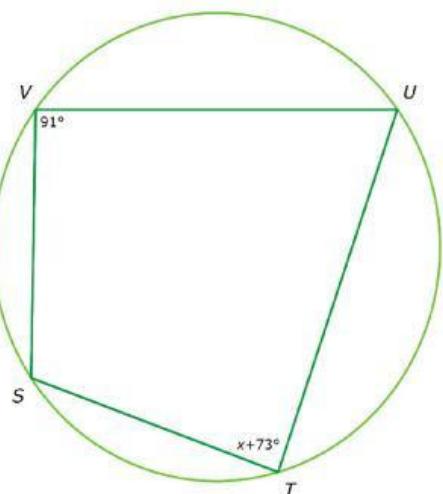
Q4) What are $m\angle G$ and $m\angle H$?



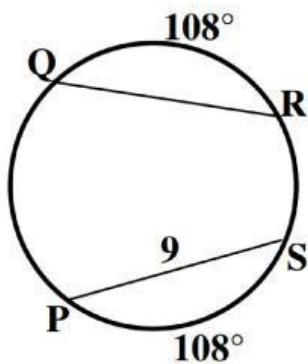
Q5). Find the value of x



Q6) Find the value of x



Q7) Find the value of QR



$$QR = \underline{\hspace{2cm}}$$