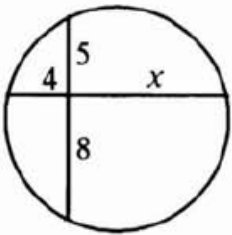
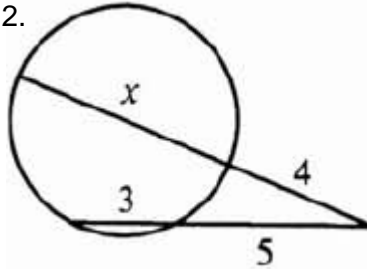


Find the exact value of x in simplest form (no decimals).

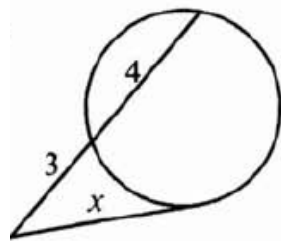
1.



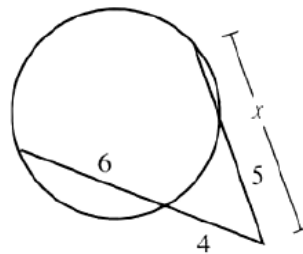
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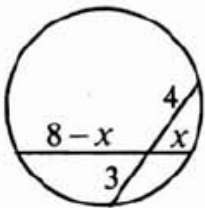
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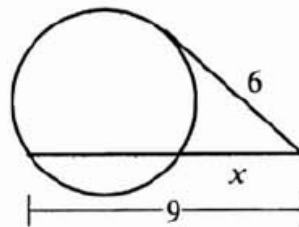
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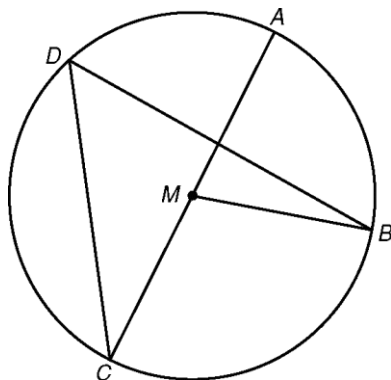
5.



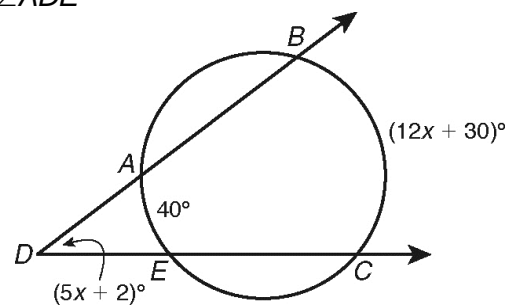
6.



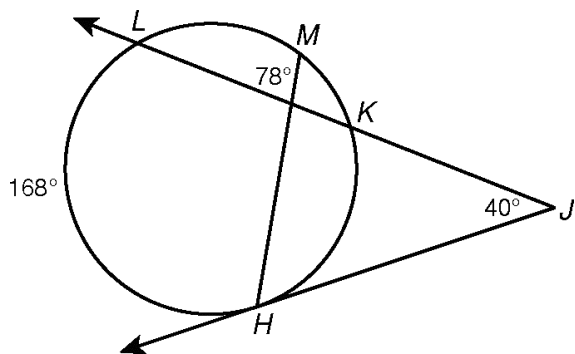
7. In $\odot M$, $m\angle AMB = 74^\circ$. What is $m\angle CDB$?



8. Find $m\angle ADE$



9. Find $m\widehat{KH}$ _____ and $m\widehat{LM}$ _____



10. A geostationary satellite is about 35,800 kilometers above Earth. How many arc degrees (x°) of the planet are visible to a camera in the satellite?

