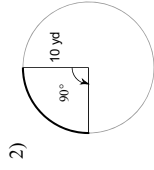
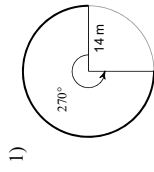


Name _____ Date _____ Period _____

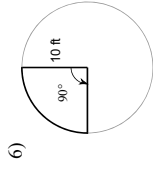
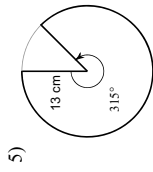
Assignment #11.6c
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Find the length of each arc.



3) $r = 15$ ft, $\theta = 135^\circ$

4) $r = 7$ ft, $\theta = 60^\circ$

Find the area of each sector.

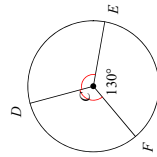


7) $r = 4$ in, $\theta = 135^\circ$

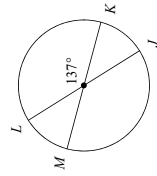
8) $r = 7$ cm, $\theta = 120^\circ$

Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

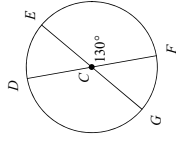
9) $m\angle DCE$



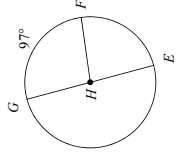
10) $m\widehat{MK}$



11) $m\angle FCG$

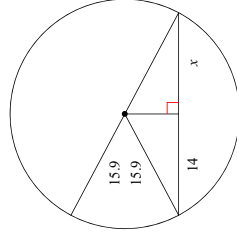


12) $m\angle FHE$

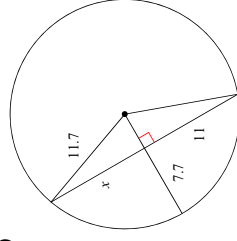


Find the length of the segment indicated. Round your answer to the nearest tenth if necessary.

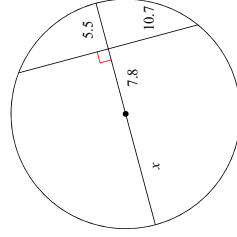
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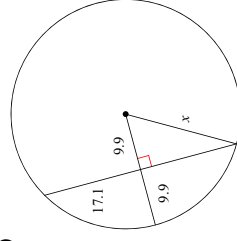
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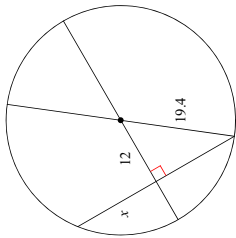
15)



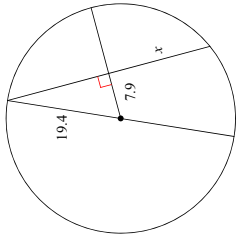
16)



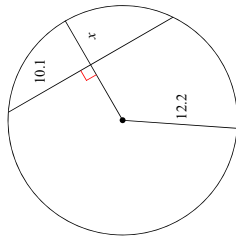
17)



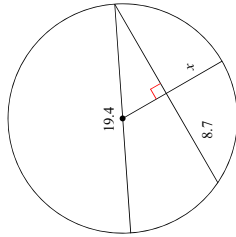
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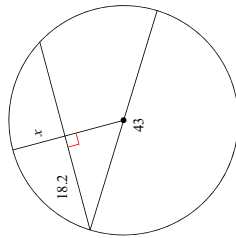
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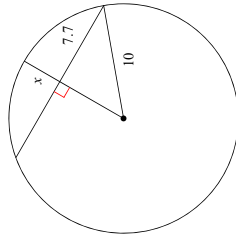
20)



21)

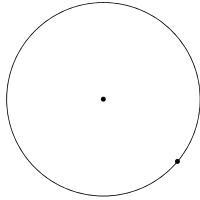


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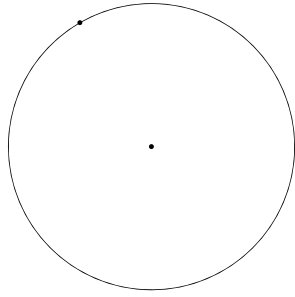


Construct a line segment tangent to the circle through the point given.

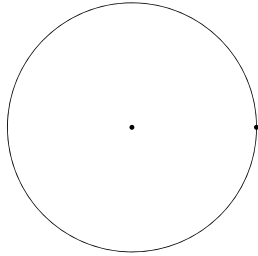
23)



24)



25)



26)

