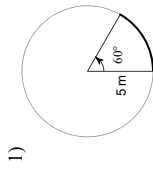


Notes

In Class Review 9.1-9.4, 11.6

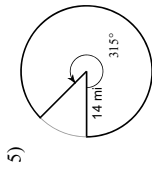
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Find the length of each arc.



3) $r = 16$ m, $\theta = 60^\circ$

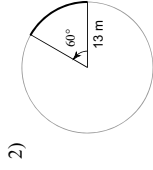
Find the area of each sector.



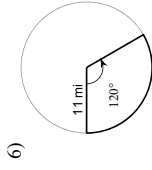
7) $r = 17$ m, $\theta = 135^\circ$

Name _____

Date _____ Period _____



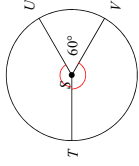
4) $r = 10$ m, $\theta = 90^\circ$



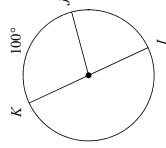
8) $r = 9$ yd, $\theta = 45^\circ$

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

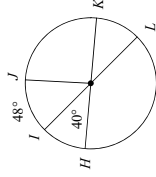
9) $m\angle TSU$



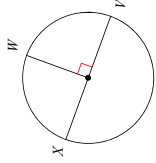
10) $m\widehat{JK}$



11) $m\widehat{KHJ}$

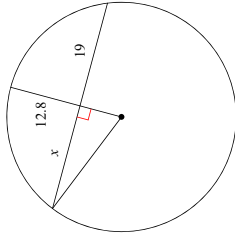


12) $m\widehat{WX}$

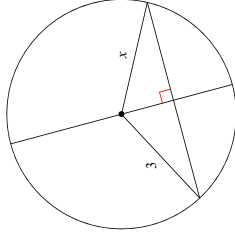


Find the length of the segment indicated. Round your answer to the nearest tenth if necessary.

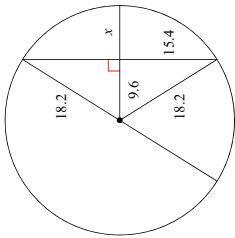
13)



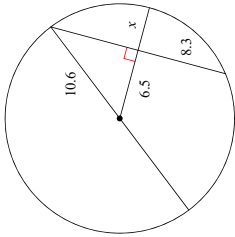
14)



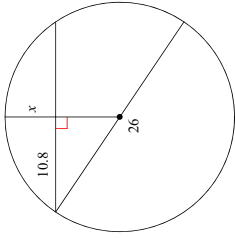
15)



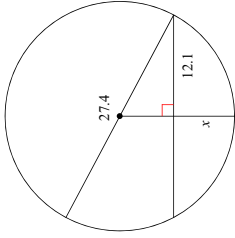
16)



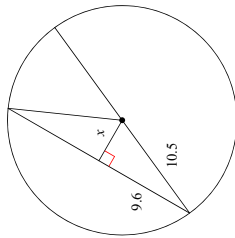
21)



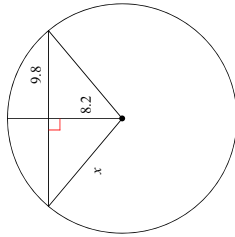
22)



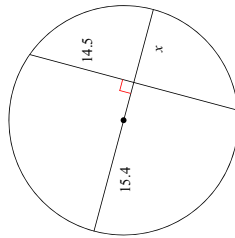
17)



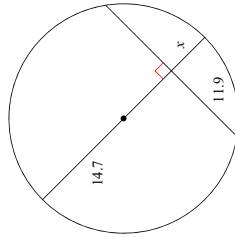
18)



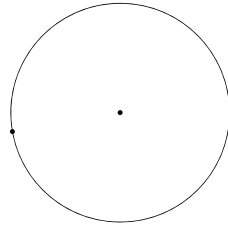
19)



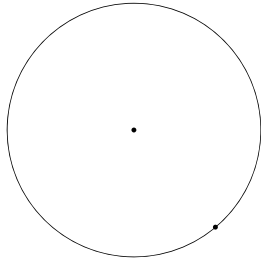
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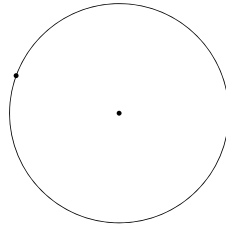
23)



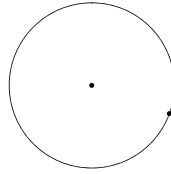
24)



25)



26)



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