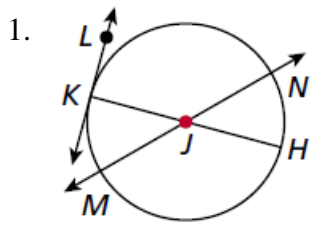
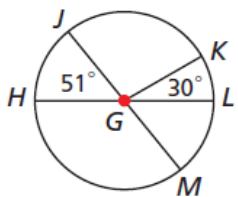


Fill in the blanks with the appropriate vocab term:



1. \overline{JN} _____ K _____
 \overline{MN} _____ \overleftrightarrow{LK} _____
 \overleftrightarrow{MN} _____ \widehat{NH} _____
 $\angle KJM$ _____ \widehat{KNM} _____

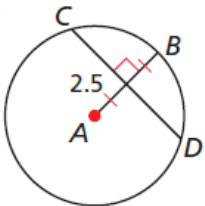
2. Find the measure of the following:



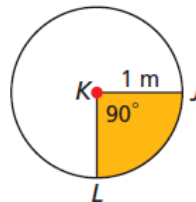
a. $m\widehat{HMK}$

b. $m\widehat{MJK}$

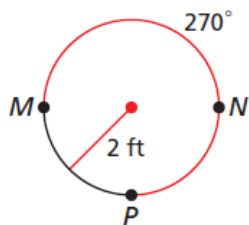
3. Find the length of CD.



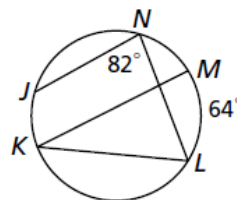
4. The shaded region is a _____.
 Find the measure of the shaded region.
 Leave in terms of π



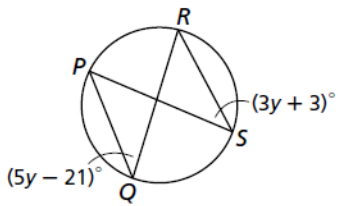
5. Find the length of \widehat{MNP} .



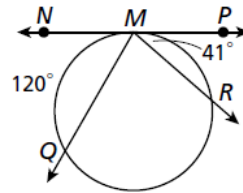
6. Find $m\angle MKL$.



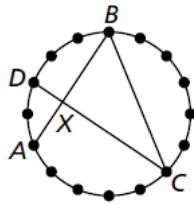
7. Find $m\angle RSP$.



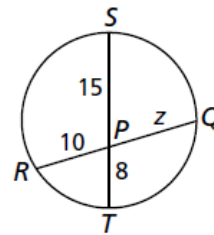
8. Find $m\angle QMR$.



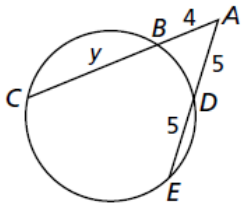
9. A piece of string art is made by placing 16 evenly spaced nails around the circumference of a circle. A piece of string is wound from A to B to C to D. What is $m\angle BXC$?



10. Find the value of z and the length of each chord.



11. Find the value of y and then find AC.



12. Write the equation of a circle that passes through $(-2, -2)$ and has center $B(-2, 0)$

13. Graph $(x + 2)^2 + (y - 2)^2 = 25$

