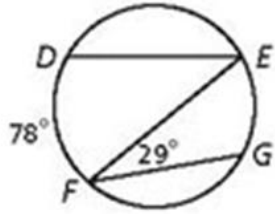


12.4 Inscribed Angles
Page 824 #2-11, 16-19, 26-27

Find each measure.

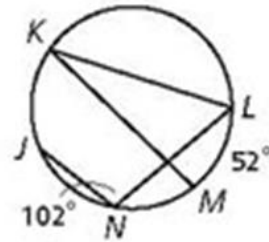
2. $m\angle DEF$

3. $m\widehat{EG}$

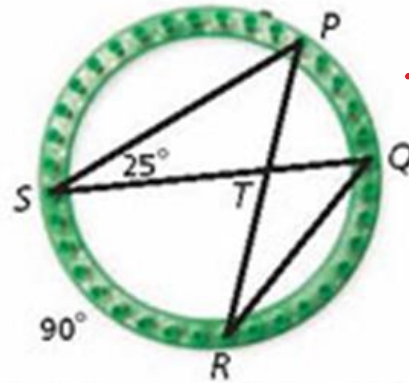


4. $m\widehat{JKL}$

5. $m\angle LKM$



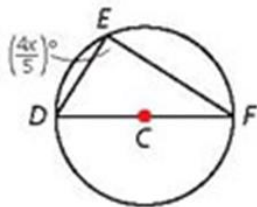
6. **Crafts** A circular loom can be used for knitting. What is the $m\angle QTR$ in the knitting loom?



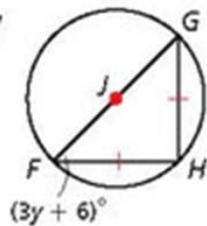
Find each value.

Find each value.

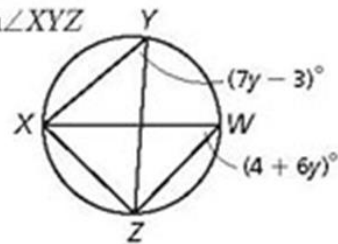
7. x



8. y

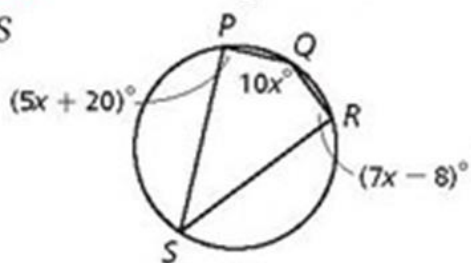


9. $m\angle XYZ$

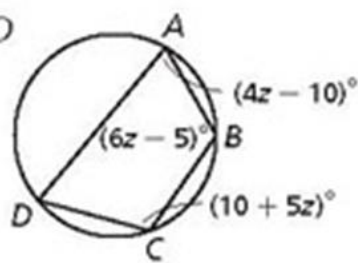


Multi-Step Find the angle measures of each quadrilateral.

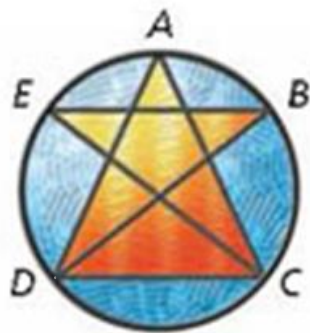
10. PQRS



11. ABCD

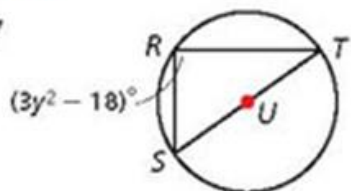


16. **Crafts** An artist created a stained glass window. If $m\angle BEC = 40^\circ$ and $m\widehat{AB} = 44^\circ$, what is $m\angle ADC$?

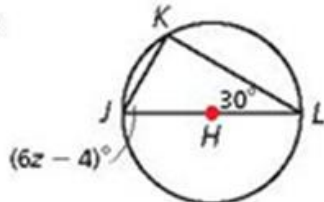


xy Algebra Find each value.

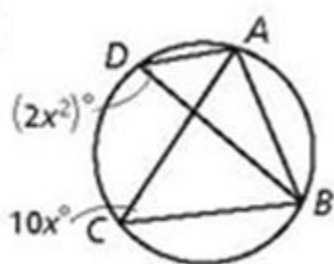
17. y



18. z

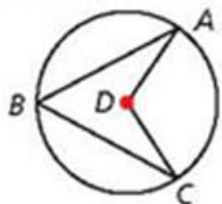


19. $m\widehat{AB}$



Multi-Step Find each angle measure.

26. $m\angle ABC$ if
 $m\angle ADC = 112^\circ$



27. $m\angle PQR$ if
 $m\widehat{PQR} = 130^\circ$

