

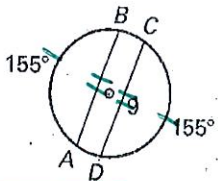
Name \_\_\_\_\_

Date \_\_\_\_\_

**6.3 Practice**

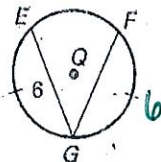
Find the chord length.

1.  $AB$



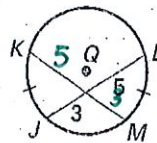
$AB = 9$

2.  $FG$



$FG = 6$

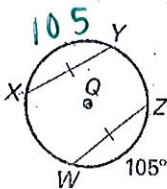
3.  $KM$



$KM = 8$

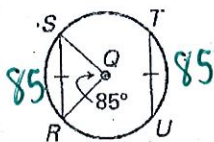
Find the arc length.

4.  $m\widehat{XY}$



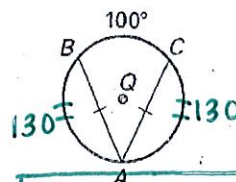
$m\widehat{XY} = 105^\circ$

5.  $m\widehat{TU}$



$m\widehat{TU} = 85^\circ$

6.  $m\widehat{AB}$

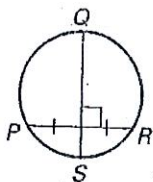


$360 - 100 = 260$   
 $260 / 2 = 130$

$m\widehat{AB} = 130^\circ$

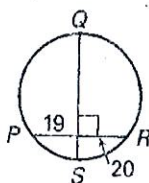
Tell whether  $\overline{QS}$  is a diameter of the circle. If not, explain why.

7.



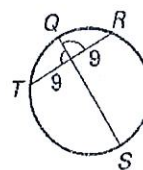
yes, QS bisected PR

8.



No, the chord was not bisected

9.

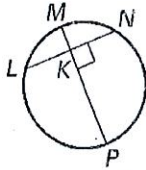


yes, TR was bisected

**LESSON 6.3 Practice** *continued*

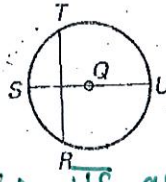
Tell whether the measures are equal.

10.  $LK$  and  $KN$



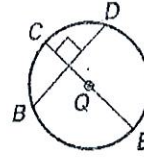
NO, MP doesn't pass through the center.

11.  $m\widehat{ST}$  and  $m\widehat{RS}$



NO,  $\overline{US}$  and  $\overline{TR}$  are not perpendicular

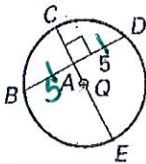
12.  $m\widehat{BC}$  and  $m\widehat{CD}$



yes

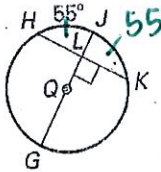
Find the given measure.

13.  $BD$



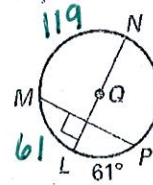
$BD = 10$

14.  $m\widehat{JK}$



$m\widehat{JK} = 55^\circ$

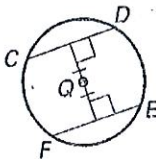
15.  $m\widehat{MN}$   $180 - 61 = 119$



$m\widehat{MN} = 119$

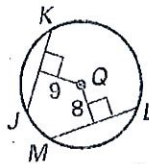
Tell whether the lengths are equal.

16.  $CD$  and  $EF$



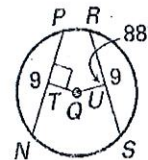
yes

17.  $JK$  and  $LM$



NO

18.  $TQ$  and  $UQ$



NO