Mrs. Bramer and Mr. Lackner

Geometry NTI Day 35

Unit 10 – Circles

Day 35: Circles Understanding Check Review

Hey, guys!

Today we will continue our unit on Circles. This is practice in preparation for our Understanding Check for the Circles Unit tomorrow. You do not have to turn this practice in – we are trusting you to try the review questions on your own today. If you are struggling to access google classroom or the google form please email your teacher at their respective email address:

Mrs. Bramer: Katherine.bramer@kenton.kyschools.us
Mr. Lackner: Chris.Lackner@kenton.kyschools.us

You do not have to submit this work to us. This is for you to try on your own.

Our "online office hours" will be from 10 a.m. to 2 p.m. You are welcome to email us or message us on Google Classroom anytime, but these are the hours we are setting aside specifically to answer your questions and reach out with reminders to people.

WHAT TO DO:

Step 1. Try the questions below

Step 2. Check your answers and correct any mistakes

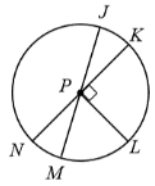
Please let us know what questions you have,

Mrs. Bramer and Mr. Lackner

Part 1: Practice

1)

If $m\angle MPL = 63°$, find each measure.



a) $m\widehat{JK}$ = _____

b) $m\widehat{NJ}$ = _____

c) $m\widehat{JL}$ = _____

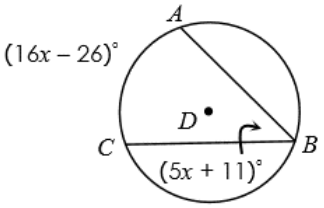
d) $m\widehat{KNM}$ = _____

e) $m\widehat{MJL}$ = _____

f) $m\widehat{JLK}$ = _____

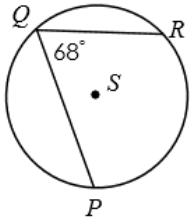
2)

7. $m\angle ABC$ = _____



3)

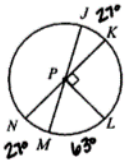
4. $m\widehat{RP}$ = _____



Part 2: Check your answers

1)

If $m\angle MPL = 63°$, find each measure.



a) $m\widehat{JK}$ = 27°

b) $m\widehat{NJ}$ = 153°

c) $m\widehat{JL}$ = 117°

d) $m\widehat{KNM}$ = 207°

e) $m\widehat{MJL}$ = 297°

f) $m\widehat{JLK}$ = 333°

2)

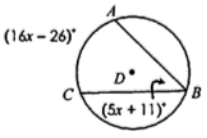
. $m\angle ABC$ = 51°

$5x + 11 = \frac{1}{2}(16x - 26)$

$5x + 11 = 8x - 13$

$24 = 3x$

$x = 8$

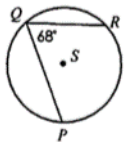


$m\angle ABC = 5(8) + 11$

$= 51°$

3)

$m\widehat{RP}$ = 136°



5.