Mathematics II Name_____

6.1 – 6.6 Circles Test Review

1. Name the term that best describes the notation.

F

$\overleftrightarrow{FE}$

$\overline{HG}$

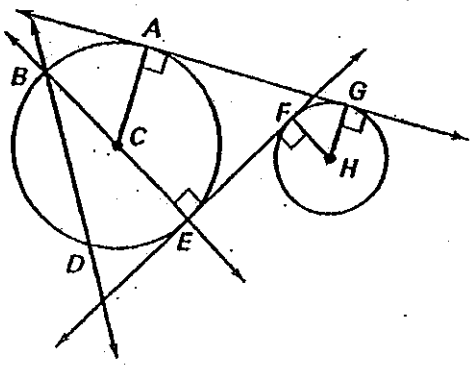
$\overline{DB}$

C

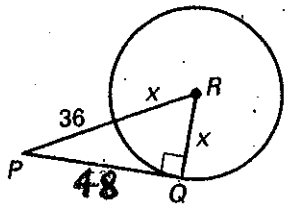
$\overline{BE}$

$\overleftrightarrow{DB}$

$\overleftrightarrow{AG}$



2. $\overline{PQ}$ is tangent to $\odot R$. Set up an equation and solve for x.

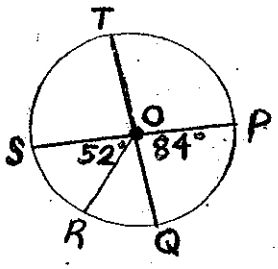


3. Find the measure of each arc.

$m\overset{\frown}{PT}$ = $m\overset{\frown}{QTS}$ =

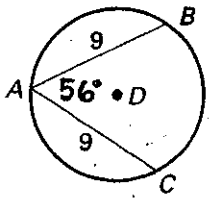
$m\overset{\frown}{RQ}$ = $m\overset{\frown}{TPR}$ =

$m\overset{\frown}{PTS}$ = $m\overset{\frown}{TQP}$ =

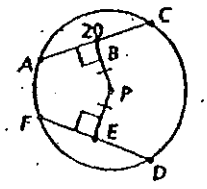


Find the indicated measures.

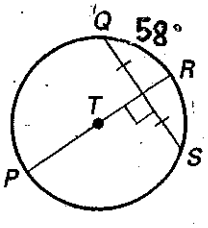
4. $m\overset{\frown}{AC}$ =



5. DF=



6. $m\overset{\frown}{QS}$ = $m\overset{\frown}{PS}$ =

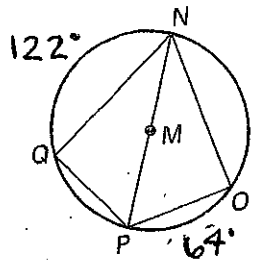


7. Find the indicated measure in circle M.

$m\angle NPO =$

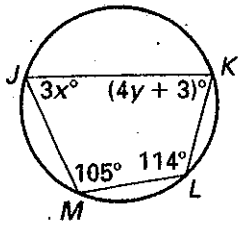
$m\angle QMP =$

$m\angle QPO =$



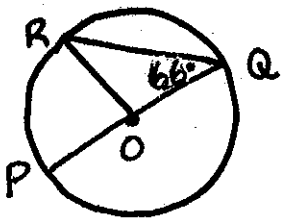
8. Set up an equation and solve for x and y.

$x =$ _____ , $y =$ _____

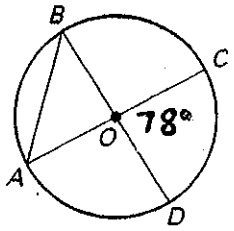


Find the indicated measure.

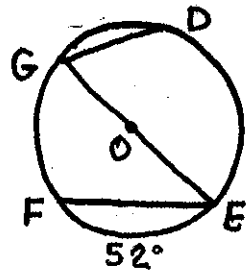
9. $m\widehat{RQ} =$



10. $m\angle BAC =$

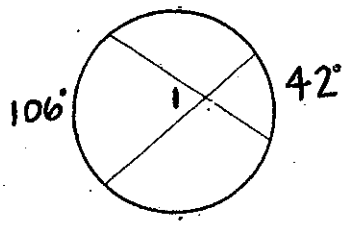


11. $m\angle GEF =$

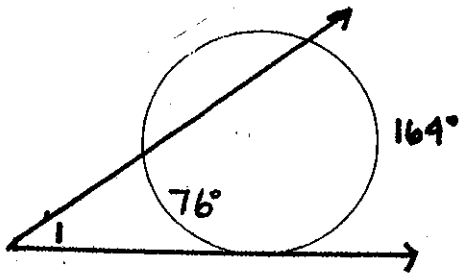


Find the measure of $\angle 1$. Set up an equation and show your work.

12. $m\angle 1 =$

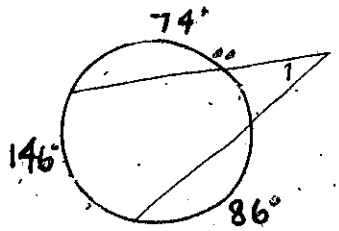


13. $m\angle 1 =$

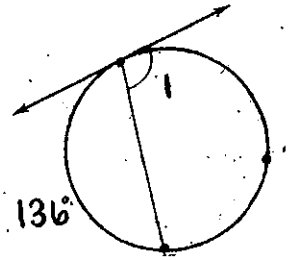


Find the measure of $\angle 1$. Set up an equation and show your work.

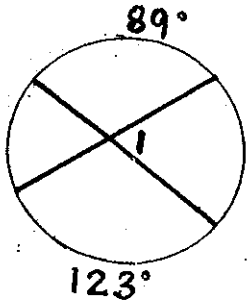
14. $m\angle 1 =$



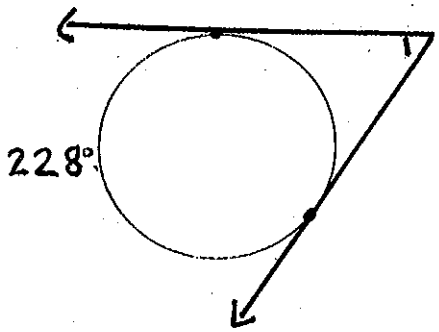
15. $m\angle 1 =$



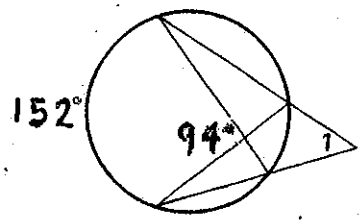
16. $m\angle 1 =$



17. $m\angle 1 =$

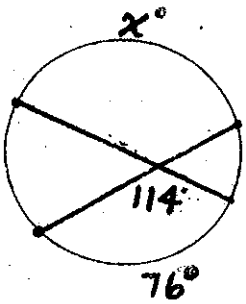


18. $m\angle 1 =$

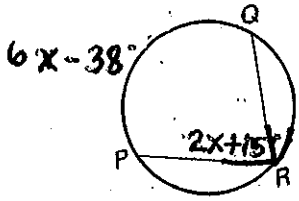


Set up an equation and solve for x.

19. $x =$

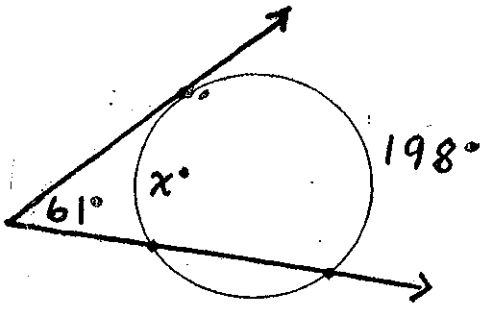


20. $x =$



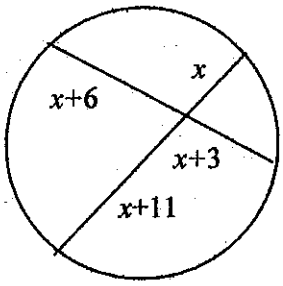
Set up an equation and solve for x.

21. $x =$

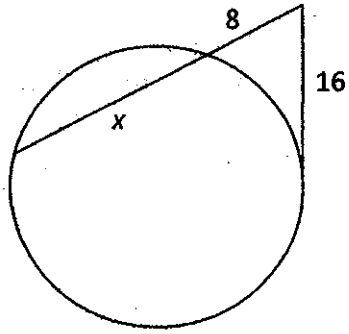


Set up an equation and solve for x.

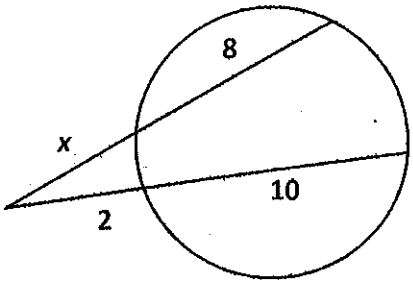
22. $x =$



23. $x =$



24. $x =$



25. $x =$