

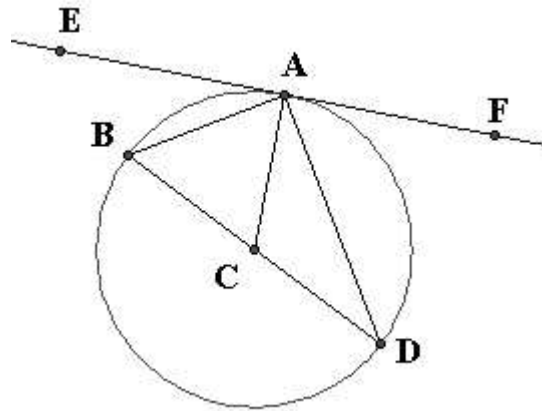
Sample Quiz on Lessons 6.1-6.4

1) Use a compass and ruler to draw the following. Label all points correctly.

A circle P with diameter \overline{ET} , tangent line \overline{TX} , central angle $\angle TPY$ and minor arc \widehat{YZ} .

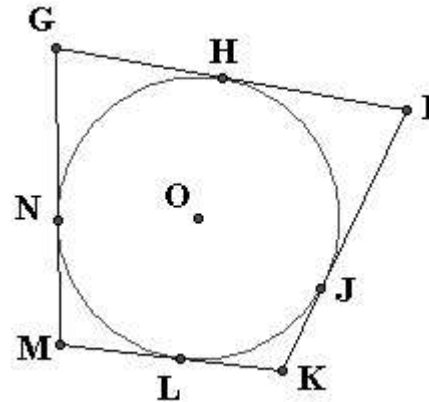
Use the figure at right for problems #2-7.

Given $m\angle ACB = 64^\circ$ and \overline{EF} is tangent to $\odot C$. Find each of these measures.



- | | |
|--------------------|---------------------|
| 2) $m\widehat{AB}$ | 5) $m\angle FAC$ |
| 3) $m\angle D$ | 6) $m\widehat{ADB}$ |
| 4) $m\angle BAD$ | 7) $m\angle CAD$ |

8) Quadrilateral GMKI is circumscribed about circle O. $GH = 8$, $JI = 7$, $LK = 3$ and $NM = 4$. Find the perimeter of GMKI.



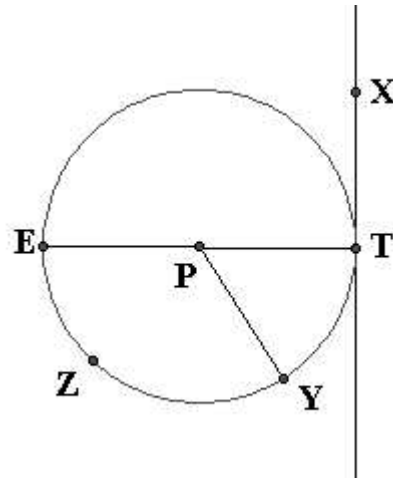
9) Write conjecture C-45. Give an example of it including a figure with measures.

10) Write the definition of a secant line. Include an example in your definition.

Answers provided on the next page...

Answers:

1) one possible drawing is at the right



2) 64

3) 32

4) 90

5) 90

6) 296

7) 32

8) 44

9) Is your conjecture list up-to-date?

10) Is your definitions list up-to-date?