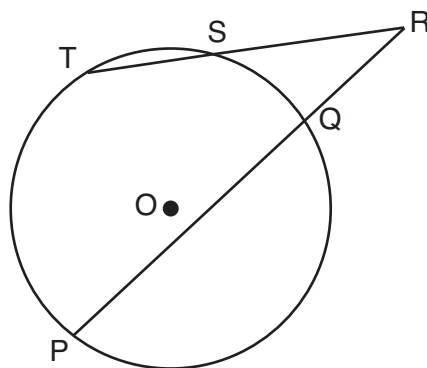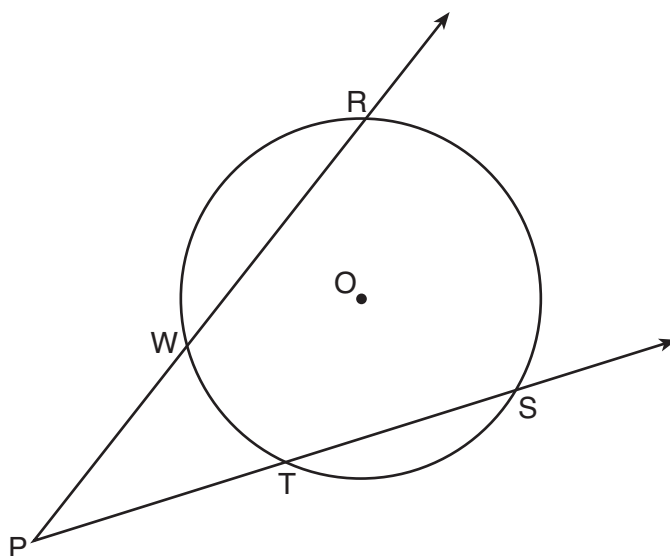**28** In the diagram below, secants $\overline{RST}$ and $\overline{RQP}$, drawn from point R, intersect circle O at S, T, Q, and P.
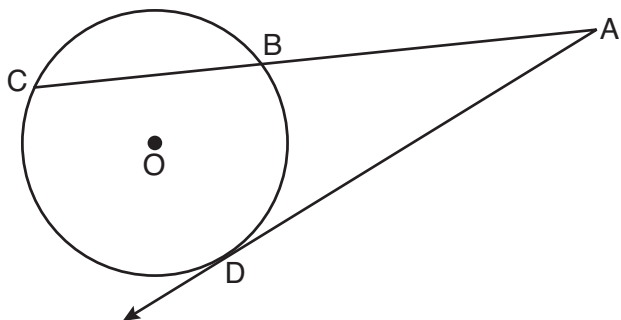

If $RS = 6$, $ST = 4$, and $RP = 15$, what is the length of $\overline{RQ}$?

27 As shown in the diagram below, secants $\overrightarrow{PWR}$ and $\overrightarrow{PTS}$ are drawn to circle O from external point P.
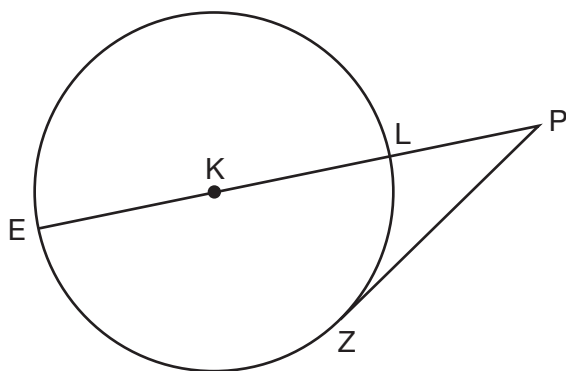

If $m\angle RPS = 35°$ and $m\widehat{RS} = 121°$, determine and state $m\widehat{WT}$.

28 In the diagram below of circle O, secant $\overline{ABC}$ and tangent $\overrightarrow{AD}$ are drawn.
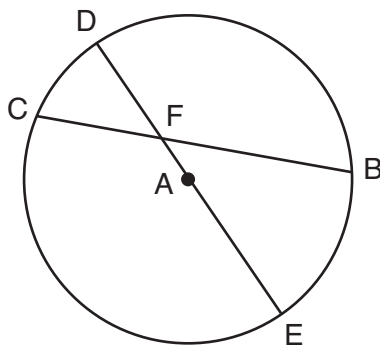

If $CA = 12.5$ and $CB = 4.5$, determine and state the length of $\overline{DA}$.

30 In the diagram below of circle *K*, secant $\overline{PLKE}$ and tangent $\overline{PZ}$ are drawn from external point *P*.

If m$\widehat{LZ}$ = 56°, determine and state the degree measure of angle *P*.

27 In circle A below, chord $\overline{BC}$ and diameter $\overline{DAE}$ intersect at F.

If $m\widehat{CD} = 46°$ and $m\widehat{DB} = 102°$, what is $m\angle CFE$?