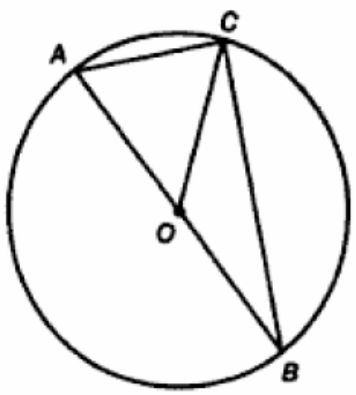
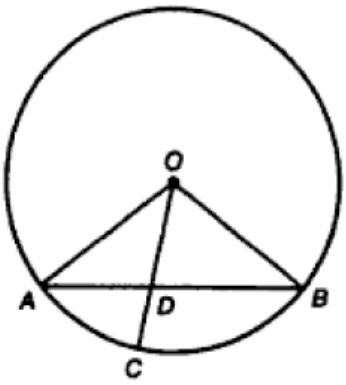
Geometry Class work February 03, 2020

Name.....Period.....

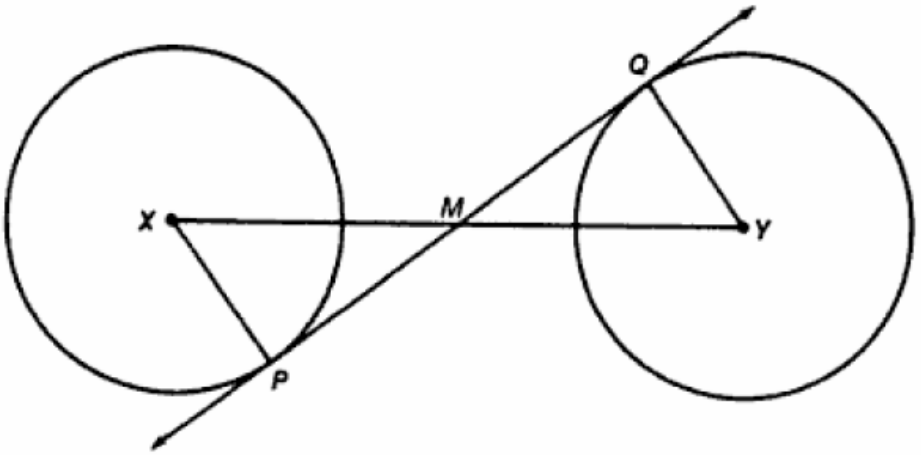
23. GIVEN: In $\odot O$, $OA > AC$.
PROVE: $m\overset{\frown}{BC} > m\overset{\frown}{AC}$.



24. GIVEN: In $\odot O$, $m\overset{\frown}{BC} > m\overset{\frown}{AC}$.
PROVE: $OA > AD$.



25. GIVEN: $\odot X \cong \odot Y$.
$\overleftrightarrow{PQ}$ is tangent to $\odot X$ at P
and tangent to $\odot Y$ at Q.
PROVE: Point M is the midpoint of $\overline{XY}$.



26. GIVEN: $\triangle EFG$ is inscribed in $\odot P$,
$\overleftrightarrow{AB}$ is tangent to F,
$\overline{FE} \cong \overline{FG}$.
PROVE: $\overline{AB} \parallel \overline{EG}$.