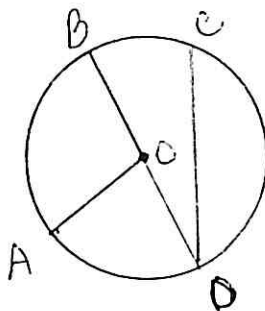


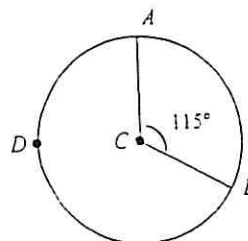
STUDY GUIDE

1. Name each of the following using proper notation.

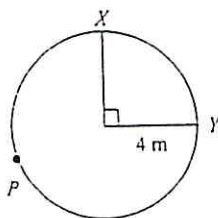
- circle
- radius
- diameter
- chord
- central angle
- inscribed angle
- minor arc
- major arc
- semicircle



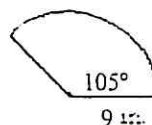
2. Name the major arc and find its measure.



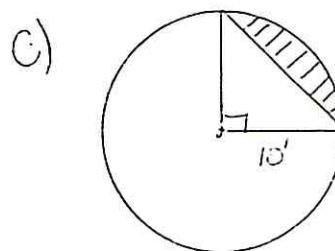
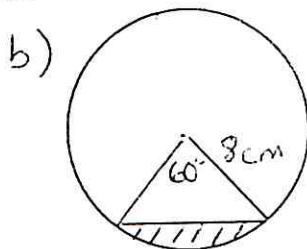
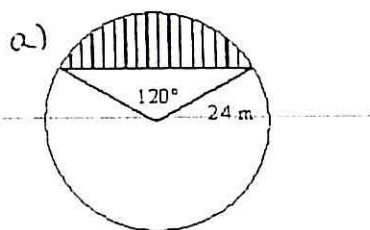
3. Find the length of arc XPY . Leave your answer in terms of π .



4. Find the area of the figure to the nearest tenth.
(Find exact 1st)



5. Find the exact area of the shaded region.



6. Find each measure in $\odot P$ if $m\angle WPX = 28^\circ$, $m\angle ZPY = 38^\circ$, and $\overline{WZ}$ and $\overline{XV}$ are diameters. SHOW WORK OR STATE THEOREM OR COROLLARY USED FOR EACH.

a) $\widehat{YZ}$

e) $\angle XPY$

b) $\widehat{WX}$

f) $\widehat{XY}$

c) $\angle VPZ$

g) $\widehat{XWY}$

d) $\widehat{VWX}$

h) $\widehat{WZX}$

