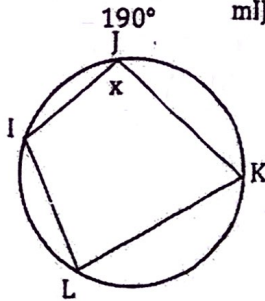


OPP. ANGLES ARE SUPPLEMENTARY $\rightarrow 180!$

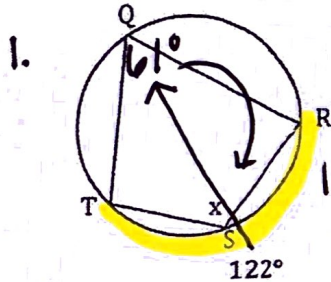
$m\widehat{JK} = 190^\circ$



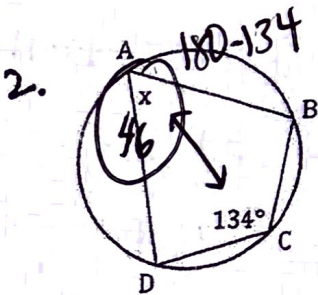
First find $m\widehat{KLI}$.
 $m\widehat{JK} + m\widehat{KLI} = 360^\circ$
 $190^\circ + m\widehat{KLI} = 360^\circ$
 $-190^\circ \quad -190^\circ$
 $m\widehat{KLI} = 170^\circ$

Then find $m\angle J$.
 $m\angle J = 1/2 m\widehat{KLI}$
 $x = 1/2 (170^\circ)$
 $x = 85^\circ$

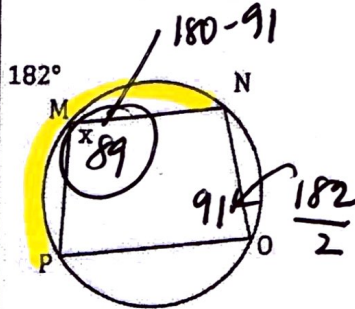
$m\widehat{RST} = 122^\circ$



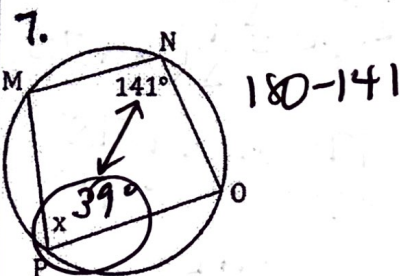
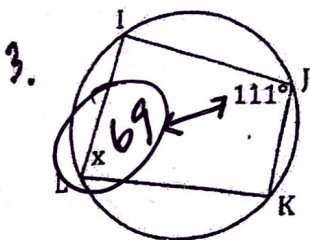
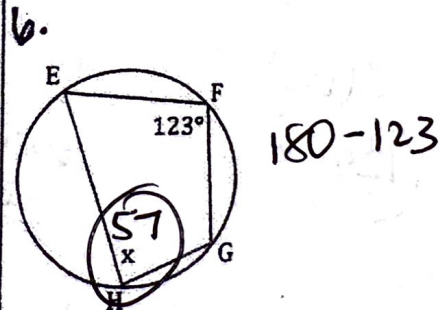
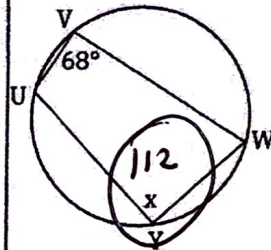
$180 - 61 = x$
 $119 = x$



4. $m\widehat{PMN} = 182^\circ$



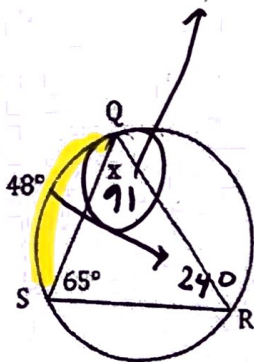
5. First find $m\widehat{UYW}$.



Bubble all the correct answers from above. Don't bubble incorrect answers.

- 114° 56° 69° 57° 47° 119° 231° 46° 39° 85° 89° 162° 136° 224°

$$180 - 65 - 24$$



First find $m\angle R$.
 $m\angle R = 1/2 m\widehat{QS}$
 $m\angle R = 1/2(48^\circ)$
 $m\angle R = 24^\circ$

Then find $m\angle Q$.
 Use the triangle sum theorem!

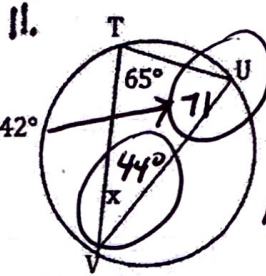
$$m\angle Q + m\angle R + m\angle S = 180^\circ$$

$$x + 24^\circ + 65^\circ = 180^\circ$$

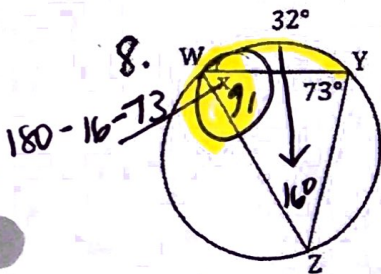
$$x + 89^\circ = 180^\circ$$

$$-89^\circ \quad -89^\circ$$

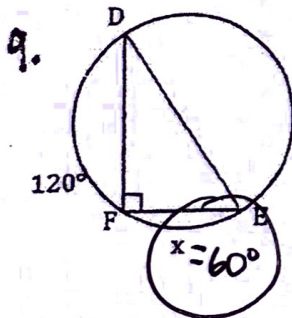
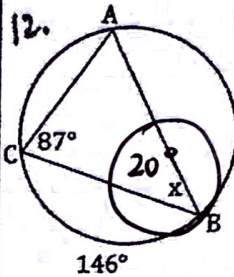
$$x = 91^\circ$$



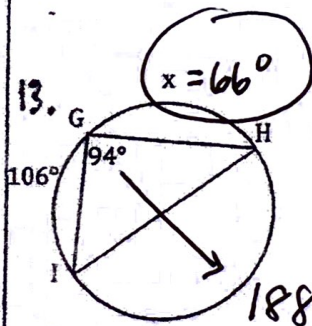
$$180 - 71 - 65$$



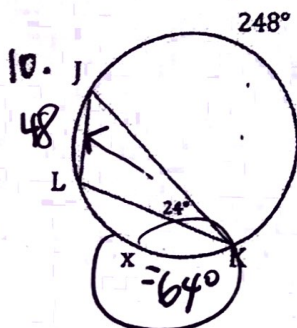
$$180 - 16 - 73$$



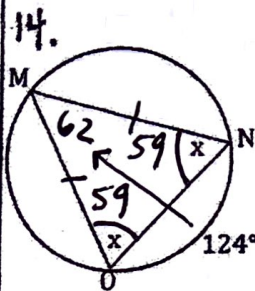
$$x = 60^\circ$$



$$x = 66^\circ$$



$$360 - 248 - 48$$



Bubble all the correct answers from above. Don't bubble incorrect answers.

- 87° 46° 18° 94° 91° 20° 44° 66° 64° 16° 60° 46° 91° 78°