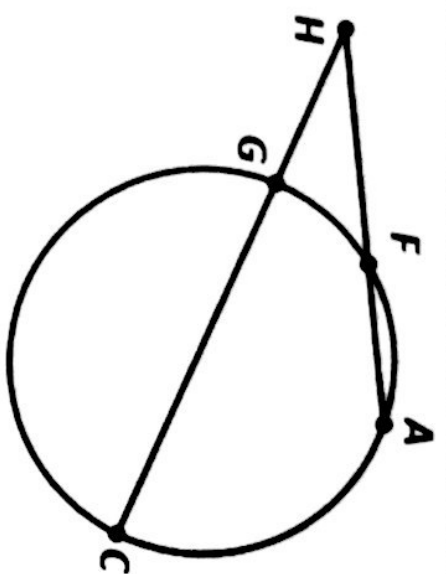
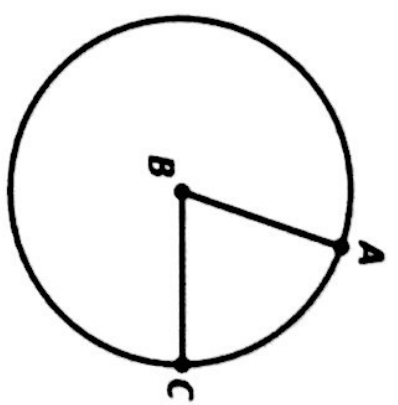


$m\widehat{AC} = (5x - 2)^\circ$
 $m\widehat{FG} = (x + 16)^\circ$
 $m\angle H = (x + 11)^\circ$
 $m\widehat{FG} = \underline{36}^\circ$



If $m\widehat{AC} = 75^\circ$,
 then $m\angle ABC = \underline{75}^\circ$.

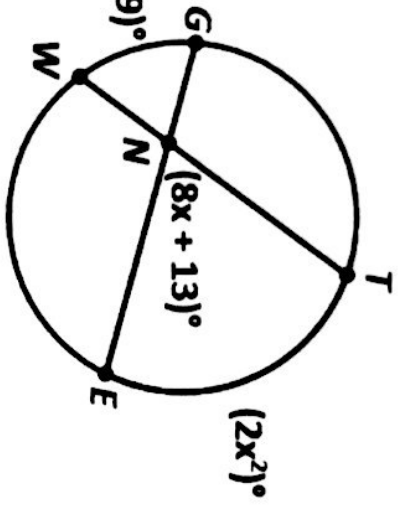


$x = \underline{7}$

$m\angle TNE = \underline{69}^\circ$

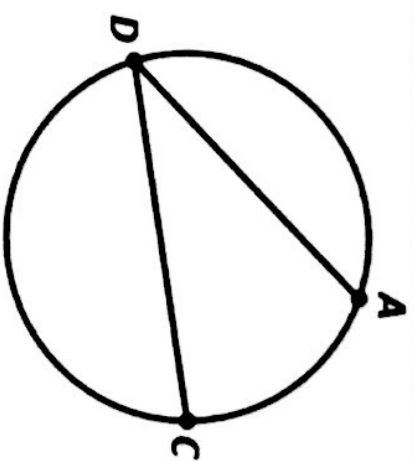
$m\widehat{TE} = \underline{98}^\circ$

$m\widehat{GW} = \underline{40}^\circ$



* Requires factoring.

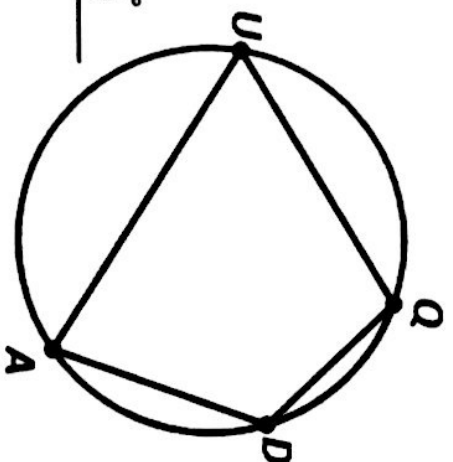
If $m\angle ADC = 35^\circ$,
 then $m\widehat{AC} = \underline{70}^\circ$.



$m\angle U = (3x + 30)^\circ$

$m\angle D = (x^2 - 4)^\circ$

$x = \underline{11}$ $m\angle U = \underline{63}^\circ$



* Requires factoring.

$m\angle D = (3x + 2)^\circ$

$m\angle E = (x^2 + 7x - 22)^\circ$

$x = \underline{3.29}$

$m\angle D = \underline{11.87}^\circ$

* Requires Quadratic Formula or CTS.

