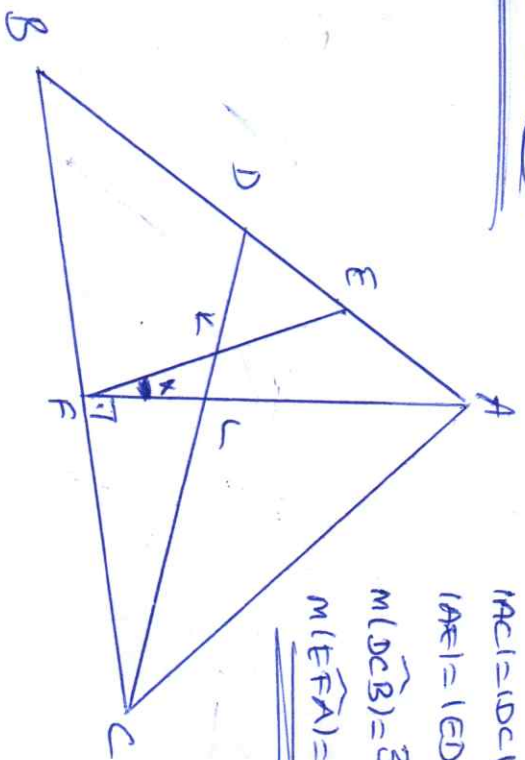
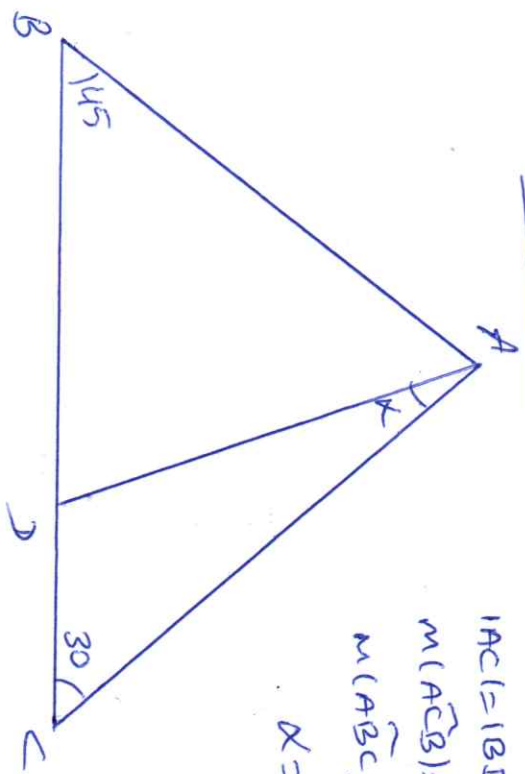


SOLU 1:



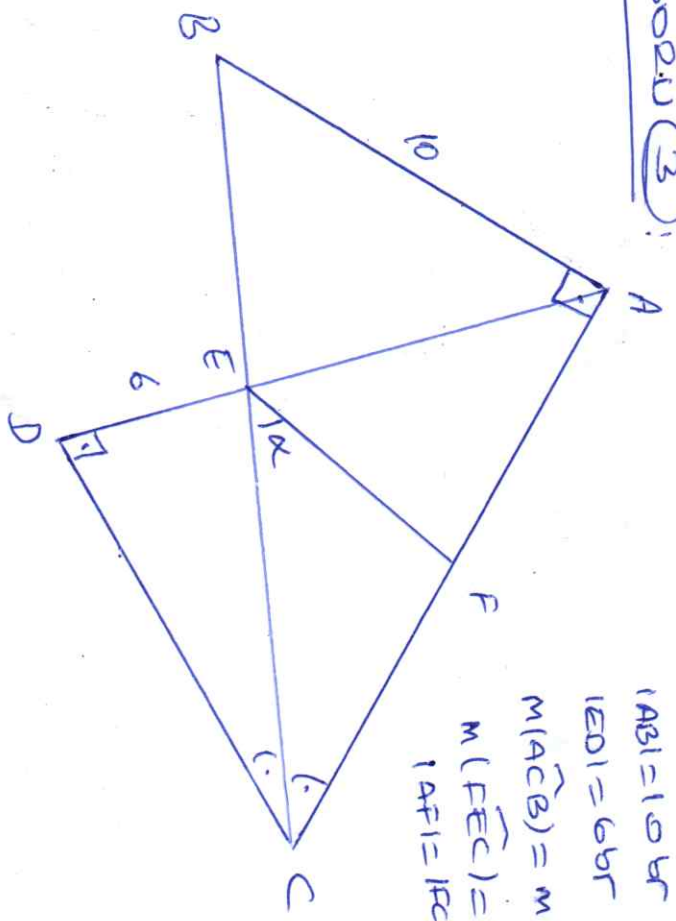
$|AC| = |DC|$
 $|AE| = |ED|$
 $m(\widehat{DCB}) = 30^\circ$
 $m(\widehat{FEA}) = \alpha$

SOLU 2:



$|AC| = |BD|$
 $m(\widehat{ACB}) = 30^\circ$
 $m(\widehat{ABC}) = 115^\circ$
 $\alpha = ?$

SOLU 3:



$|AB| = 10$
 $|ED| = 6$
 $m(\widehat{ACB}) = m(\widehat{BCD})$
 $m(\widehat{FEC}) = \alpha = ?$
 $|AF| = |FC|$