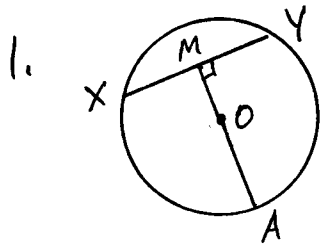
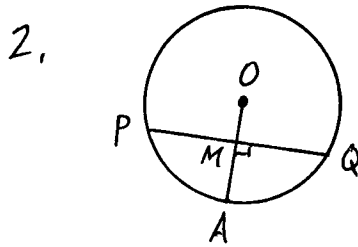


CHORDS & ARCS

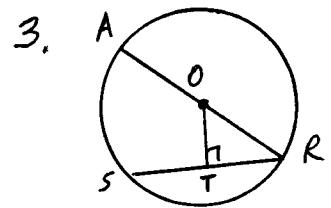
IN THE DIAGRAMS, O IS THE CENTER OF THE CIRCLE:



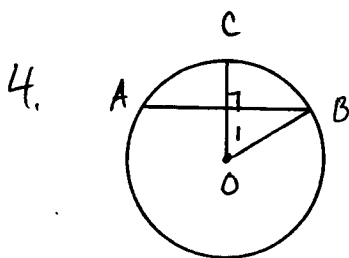
$OA = 5, OM = 3$
 $XY = \underline{\hspace{2cm}}$



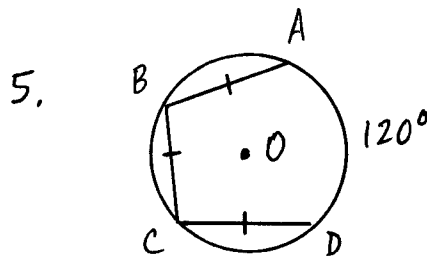
$OA = 13, PQ = 24$
 $OM = \underline{\hspace{2cm}}$



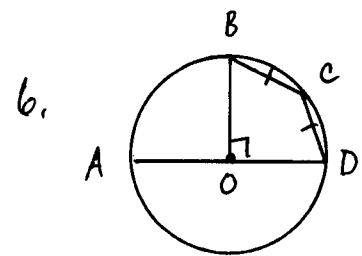
$OT = 9, RS = 18,$
 $AR = \underline{\hspace{2cm}}$



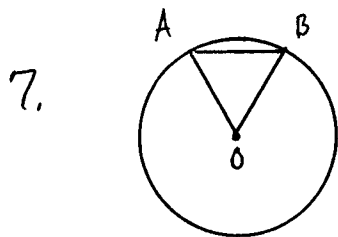
$m\widehat{AB} = 110^\circ,$
 $m\angle 1 = \underline{\hspace{2cm}}$



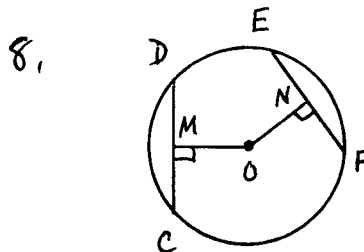
$m\widehat{BC} = \underline{\hspace{2cm}}$



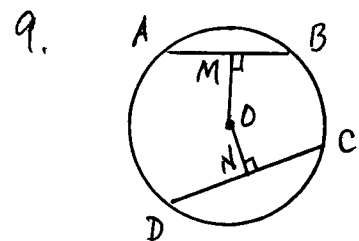
$m\widehat{CD} = \underline{\hspace{2cm}}$



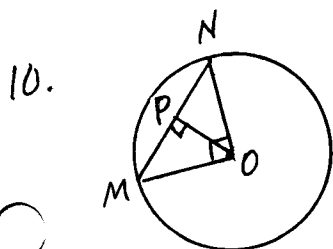
$m\angle AOB = 60^\circ, AB = 24,$
 $OA = \underline{\hspace{2cm}}$



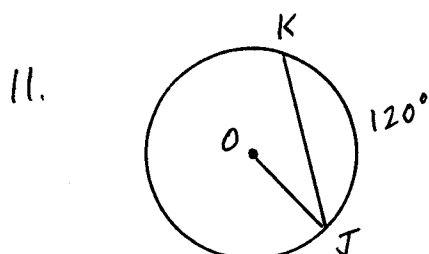
$OM = ON = 7, CM = 6,$
 $EF = \underline{\hspace{2cm}}$



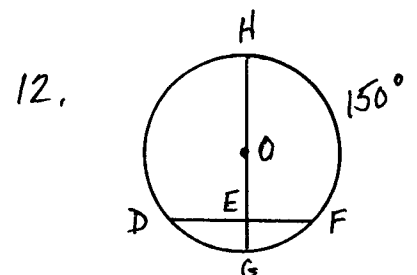
$AB = 18, OM = 12,$
 $ON = 10, CD = \underline{\hspace{2cm}}$



$OM = 4, MP = \underline{\hspace{2cm}}$



$OJ = 10, JK = \underline{\hspace{2cm}}$



$OE = 8\sqrt{3}, HG = \underline{\hspace{2cm}}$