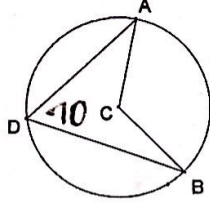


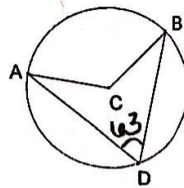
Circles Theorems

Find the measure of each angle or arc.

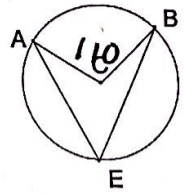
1. $\angle ADB = 70^\circ$
 $\widehat{AB} = \underline{140}$
 $\angle ACB = \underline{140}$



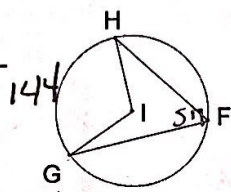
2. $\angle ADB = 63^\circ$
 $\widehat{AB} = \underline{126}$
 $\angle ACB = \underline{126}$



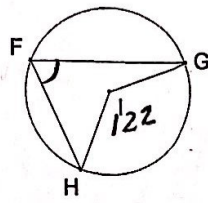
3. $\angle ACB = 110^\circ$
 $\widehat{AB} = \underline{110}$
 $\angle AEB = \underline{55}$



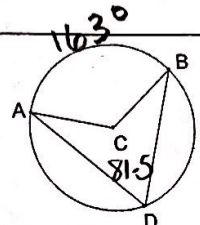
4. $\angle GFH = 57^\circ$
 $\widehat{GH} = \underline{114}$
 $\angle GIH = \underline{114}$



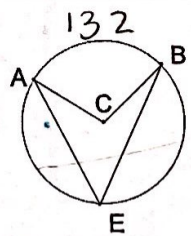
5. $\angle HIG = 122^\circ$
 $\widehat{GH} = \underline{122}$
 $\angle GFH = \underline{61}$



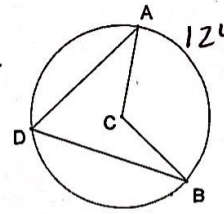
6. $\angle ADB = 81.5^\circ$
 $\widehat{AB} = \underline{163^\circ}$
 $\angle ACB = \underline{163^\circ}$



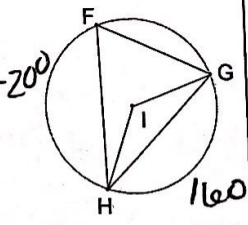
7. $\widehat{AB} = 132^\circ$
 $\angle ACB = \underline{132}$
 $\angle AEB = \underline{66}$



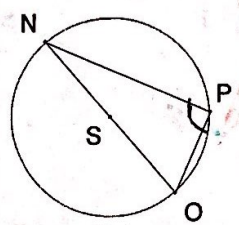
8. $\widehat{AB} = 124^\circ$
 $\angle ADB = \underline{62}$
 $\angle ACB = \underline{124}$



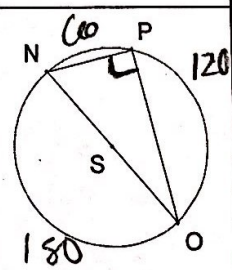
9. $\widehat{HFG} = 200^\circ$
 $\angle HIG = \underline{160}$
 $\angle HFG = \underline{80}$



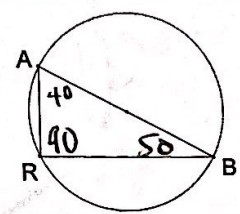
10. $\angle P = \underline{90}$



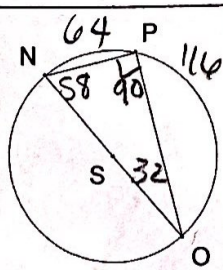
11. $\widehat{OP} = 120^\circ$
 $\widehat{NP} = \underline{60}$
 $\angle O = \underline{30}$



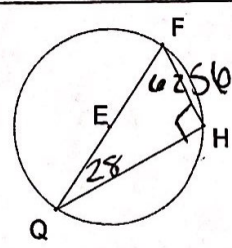
12. $\angle R = \underline{90}$
 $\angle A = 40^\circ$
 $\angle B = \underline{50}$
 $\widehat{AR} = \underline{106}$



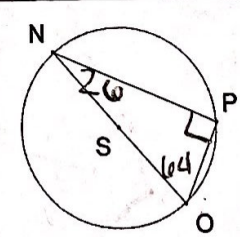
13. $\angle N = 58^\circ$
 $\widehat{OP} = \underline{116}$
 $\widehat{NP} = \underline{64}$



14. $\widehat{FH} = 56^\circ$
 $\angle F = \underline{62}$



15. $\angle O = 64^\circ$
 $\widehat{OP} = \underline{52}$



Multi-Step: Find the measure of the arc or angle indicated.

