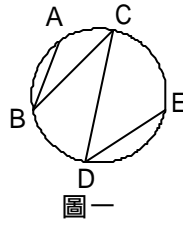
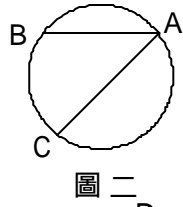


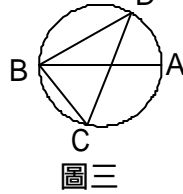
1. 圖一, $\widehat{AB}=30^\circ$, $B=15^\circ$,
 $C=40^\circ$, $D=65^\circ$; 則 \widehat{DE} 是多
 少度? _____



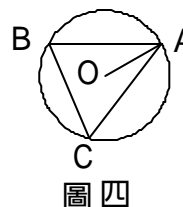
2. 圖二, $\widehat{AB}:\widehat{BC}:\widehat{CA} =$
 $3:4:5$, 則 A 是多少度?



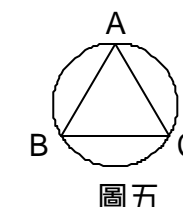
3. 圖三, \overline{AB} 是直徑,
 $DBA=20^\circ$, 則 BCD 是多
 少度? _____



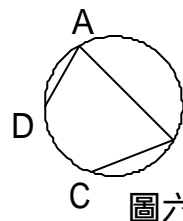
4. 圖四, 圓 O 中 $OAB=30^\circ$, 則
 ACB 是多少度? _____



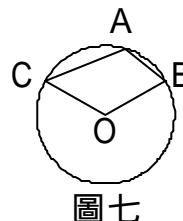
5. 圖五, 圓內接 ABC , $\overline{AB}=\overline{AC}$,
 如果 $A=50^\circ$; 則 \widehat{AC} 是多少度?



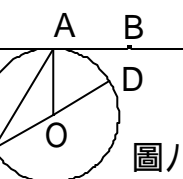
6. 圖六, $A=85^\circ$, $B=70^\circ$,
 $\widehat{AB}=150^\circ$, 則 \widehat{CD} 是多
 少度?



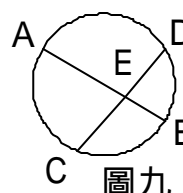
7. 圖七, 圓 O 中, $A=102^\circ$, 則
 BOC 是多少度? _____



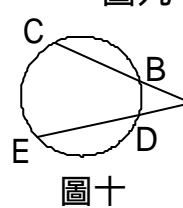
8. 圖八, 直線 L 切圓 O 於 A 點,
 若 $BAC=120^\circ$; 則 \widehat{AD} 是多
 少度? _____



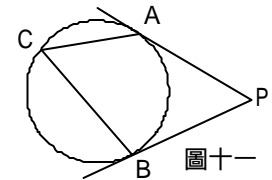
9. 圖九, $\widehat{AC}=130^\circ$, $\widehat{BD}=40^\circ$; 則
 AEC 是多少度? _____



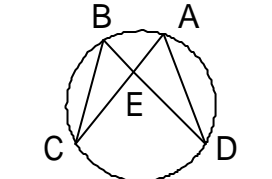
10. 圖十, $\widehat{CED}=240^\circ$, $\widehat{BDE} =$
 160° ; 則 A 是多少度?



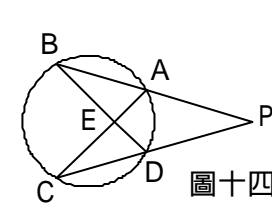
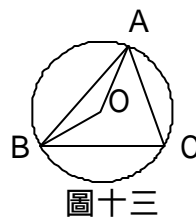
11. 圖十一, \overline{PA} 和 \overline{PB} 都是切
 線, 若 $P=70^\circ$, 則 C 是
 多少度? _____



12. 圖十二, $C=30^\circ$, $A=$
 55° , 則 AEB 是多少度?

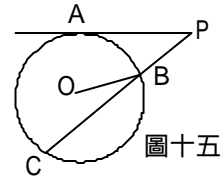


13. 圖十三, 圓 O 中, $OBA=$
 10° , $OBC=20^\circ$, 則 OAC 是多
 少度? _____

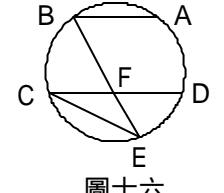


14. 圖十四, $B=20^\circ$, $P=30^\circ$; 則 \widehat{BC} 是多
 少度?

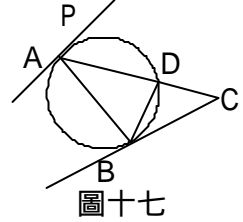
15. 圖十五, 圓 O 中, 直線 PA 切
 圓於 P 點, 若 $P=70^\circ$, $\widehat{AB} =$
 30° , 則 OBC 是多少度? _____



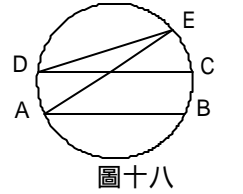
16. 圖十六, $\overline{AB} \parallel \overline{CD}$, 若 $C=$
 15° , $B=70^\circ$, 則 E 是多
 少度? _____



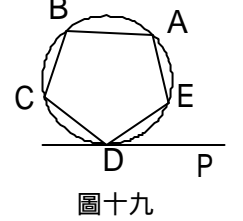
17. 圖十七, 若 \overline{PA} 、 \overline{BC} 分別
 切圓於 A B 兩點, 且 $DBC =$
 40° , $DCB = 41^\circ$, 則
 PAD 是多少度? _____



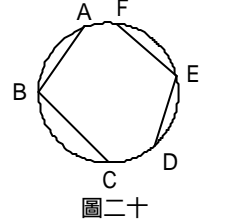
18. 圖十八, $\overline{AB} \parallel \overline{CD}$, 若
 $\widehat{BCE}=80^\circ$, $\widehat{CDE}=10^\circ$, 則
 AED 是多少度? _____



19. 圖十九, 正五邊形
 $ABCDE$, 其頂點都在圓周,
 若 \overline{PD} 為切線, 則 PDE 是
 多少度? _____



20. 圖二十, 若 $\widehat{AF} = 30^\circ$; $\widehat{CD} =$
 40° ; 則 $B + E =$ _____ 度



參考答案

1. 90
2. 60
3. 70
4. 60
5. 130
6. 100
7. 156
8. 60
9. 85
10. 40
11. 55
12. 85
13. 60
14. 100
15. 10
16. 55
17. 59
18. 30
19. 36
20. 215