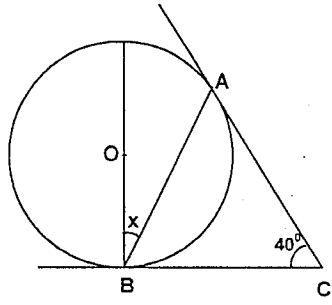


Çemberde Acı

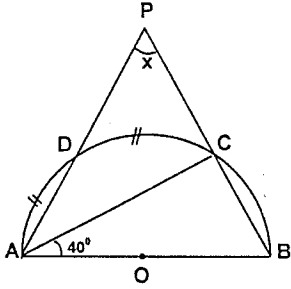
1.



Şekildeki O merkezli çemberde [CA ve [CB teğettir. $m(\widehat{ACB}) = 40^\circ$ olduğuna göre x açısı kaç derecedir?

- A) 10 B) 20 C) 30 D) 40 E) 45

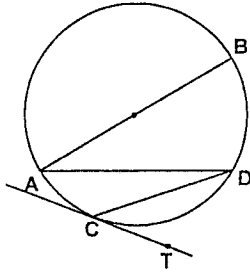
2.



Yukarıdaki şekilde $\widehat{AD} = \widehat{DC}$ ve $m(\widehat{CAB}) = 40^\circ$ dir. $m(\widehat{APB}) = x$ kaç derecedir?

- A) 45 B) 50 C) 55 D) 60 E) 65

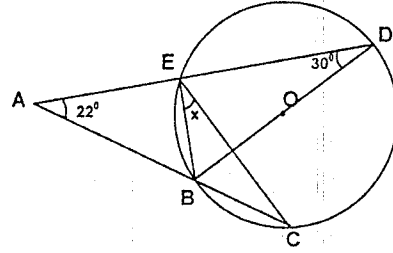
3.



Şekilde AB çap, [CD] // [AB], CT çember teğet, ve \widehat{BAD} açısı ölçüsü 20° ise $m(\widehat{DCT})$ nedir?

- A) 30 B) 40 C) 50 D) 60 E) 100

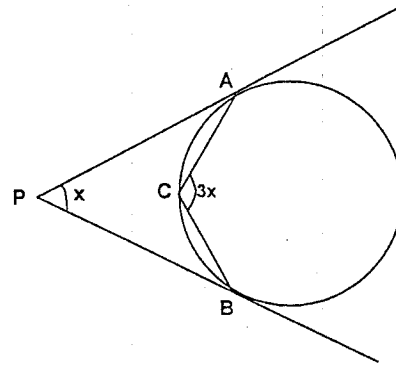
4.



Yukarıdaki şekilde [BD] çaptır. $m(\widehat{BAE}) = 22^\circ$, $m(\widehat{BDE}) = 30^\circ$ olduğuna göre, $m(\widehat{BEC}) = x$ kaç derecedir?

- A) 38° B) 40° C) 42° D) 44° E) 50°

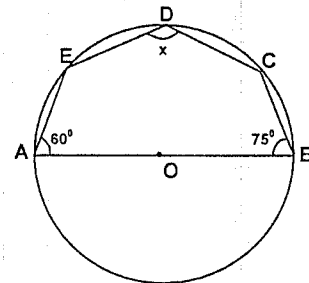
5.



Şekilde [PA], [PB] çembere teğet; $m(\widehat{P}) = x^\circ$, $m(\widehat{C}) = 3x^\circ$ ise x kaçtır?

- A) 45 B) 36 C) 60 D) 65 E) 75

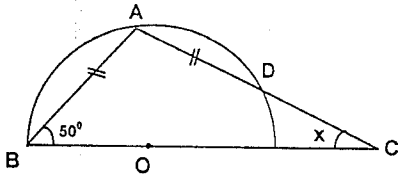
6.



Şekilde [AB] çap, $s(\widehat{A}) = 60^\circ$, $s(\widehat{B}) = 75^\circ$ ise x açısı kaç derecedir?

- A) 110 B) 120 C) 140 D) 135 E) 50

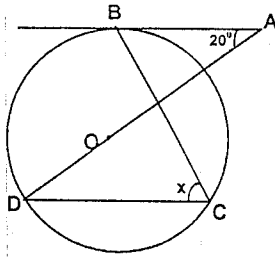
7.



Şekildeki O merkezli çemberde $AB = AD$ ve $m(\widehat{ABC}) = 50^\circ$ ise $m(\widehat{ACB}) = x$ kaç derecedir?

- A) 15 B) 20 C) 25 D) 30 E) 35

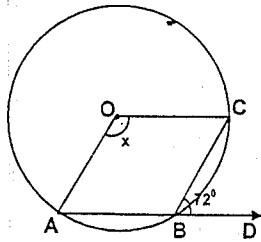
8.



O merkezli çemberde [AB teğet, $m(\widehat{A}) = 20^\circ$ olduğuna göre, $m(\widehat{BCD}) = x$ kaç derecedir?

- A) 40 B) 50 C) 55 D) 60 E) 65

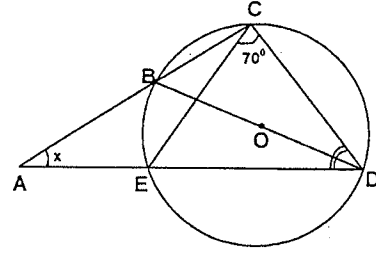
9.



Şekilde CBD açısının ölçüsü 72° ise AOC açısının ölçüsü kaç derecedir?

- A) 108 B) 140 C) 144 D) 150 E) 288

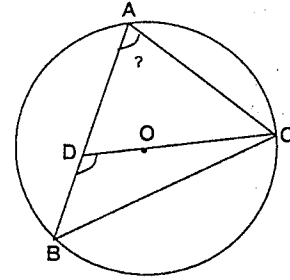
10.



Şekildeki, O merkezli çemberde, $m(\widehat{DCE}) = 70^\circ$ ve $m(\widehat{CDB}) = m(\widehat{EDB})$ ise $m(\widehat{A}) = x$ kaç derecedir?

- A) 30 B) 35 C) 40 D) 45 E) 50

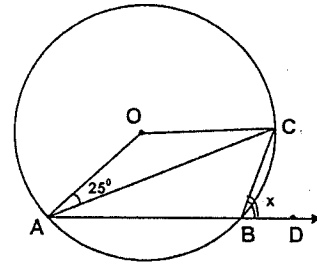
11.



Şekildeki O merkezli çemberde, $AB = BC$ ve $m(\widehat{BDC}) = 120^\circ$ ise $m(\widehat{BAC})$ kaç derecedir?

- A) 60 B) 65 C) 70 D) 75 E) 80

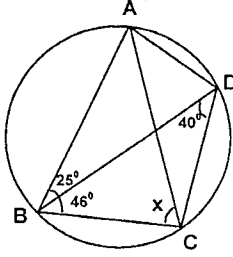
12.



Şekildeki O merkezli çemberde $m(\widehat{OAC}) = 25^\circ$ olduğuna göre, $m(\widehat{CBD})$ kaç derecedir?

- A) 50 B) 55 C) 60 D) 65 E) 70

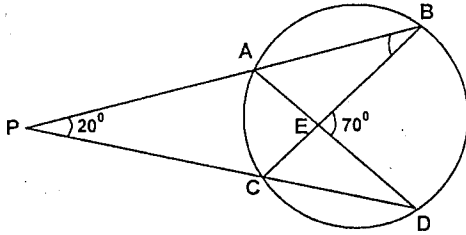
13.



ABCD kirişler dörtgeni ise x kaç derecedir?

- A) 65 B) 66 C) 67 D) 68 E) 69

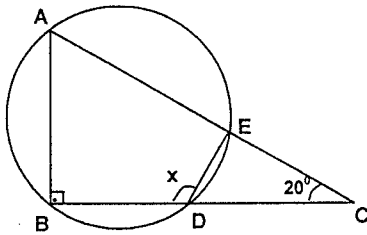
14.



Şekilde $m(\hat{P})=20^\circ$ ve $m(\hat{BED})=70^\circ$ olduğuna göre $m(\hat{ABC})=x$ kaç derecedir?

- A) 10 B) 15 C) 20 D) 25 E) 30

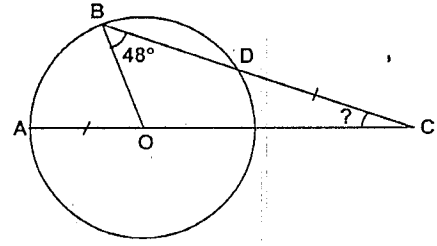
15.



Yukarıdaki şekilde, $[AB] \perp [BC]$ ve $m(\hat{ACB})=20^\circ$ ise $m(\hat{BDE})=x$ kaç derecedir?

- A) 90 B) 100 C) 110 D) 120 E) 130

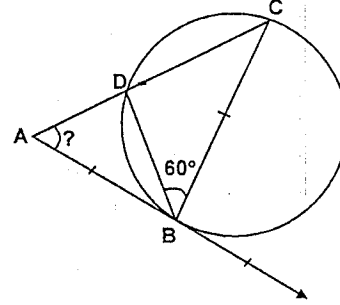
16.



O merkezli çemberde; $|OA|=|OD|$ ve $s(\hat{OBC})=48^\circ$ ise, $s(\hat{BCA})$ kaç derecedir?

- A) 24 B) 30 C) 36 D) 48 E) 52

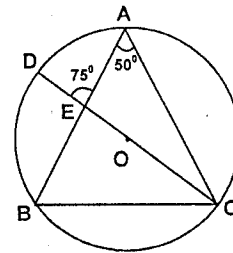
17.



Şekilde; $[AB]$ çembere B noktasında teğet, $|BA|=|BC|$ ve $s(\hat{CBD})=60^\circ$ ise, $s(\hat{CAB})$ kaç derecedir?

- A) 30 B) 40 C) 60 D) 80 E) 95

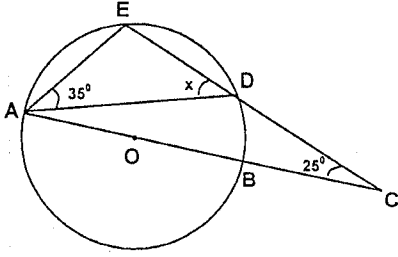
18.



O merkezli çemberde $m(\hat{BAC})=50^\circ$ ve $m(\hat{AED})=75^\circ$ ise $m(\hat{ABC})$ açısı kaç derecedir?

- A) 60 B) 65 C) 70 D) 75 E) 80

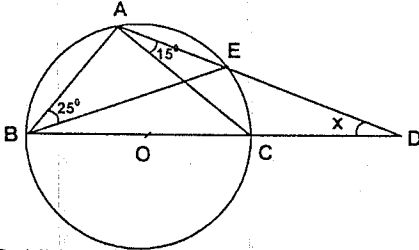
19.



O merkezli çemberde $m(\widehat{ECA})=25^\circ$ ve $m(\widehat{DAE})=35^\circ$, $m(\widehat{EDA})=x$ kaç derecedir?

A) 40 B) 45 C) 50 D) 60 E) 70

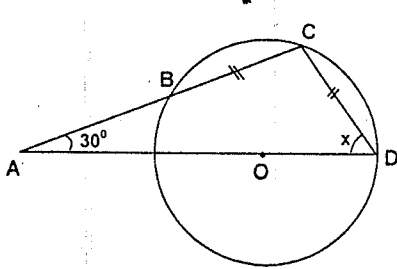
20.



Şekildeki O merkezli çemberde $m(\widehat{DAC})=15^\circ$, $m(\widehat{ABE})=25^\circ$ olduğuna göre, $m(\widehat{BDA})=x$ kaç derecedir?

A) 10 B) 15 C) 20 D) 25 E) 35

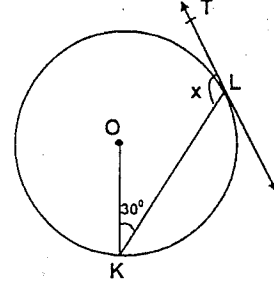
21.



O merkezli çemberde $m(\widehat{A})=30^\circ$, $IBC=IDC$ olduğuna göre, $m(\widehat{D})=x$ kaç derecedir?

A) 40 B) 45 C) 50 D) 60 E) 70

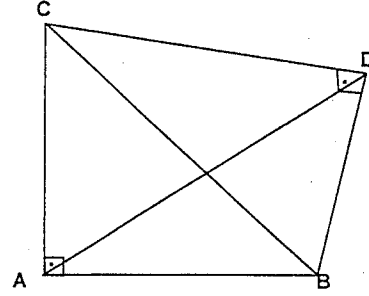
22.



O merkezli çemberde, $m(\widehat{OKL})=30^\circ$ ve L çemberin teğet değme noktası ise, $m(\widehat{TLK})=x$ kaç derecedir?

A) 90 B) 100 C) 110 D) 120 E) 130

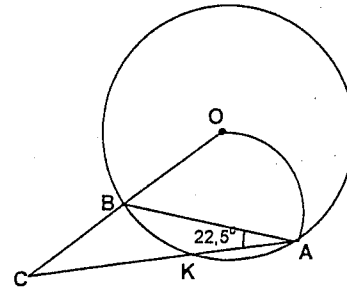
23.



ABCD dörtgen $[CA] \perp [AB]$ ve $[CD] \perp [DB]$, $\angle CBI = 2\angle ABI$ olduğuna göre $m(\widehat{CDA})$ kaç derecedir?

A) 15 B) 30 C) 45 D) 60 E) 75

24.



$m(\widehat{BAC}) = 22,5^\circ$, $m(\widehat{ACO}) = \alpha$, yukarıdaki şekilde C merkezli \widehat{OA} çember yayı ile O merkezli çember çizilmiştir. Buna göre α kaç derecedir?

A) 30 B) 35 C) 40 D) 45 E) 60

1-B	11-C	21-C
2-E	12-D	22-D
3-C	13-E	23-D
4-A	14-D	24-A
5-B	15-C	
6-D	16-A	
7-D	17-B	
8-C	18-B	
9-C	19-A	
10-E	20-E	