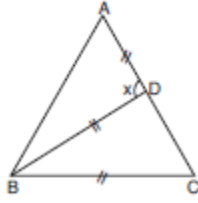


ÜÇGENDE AÇILAR TEST -1-

1.

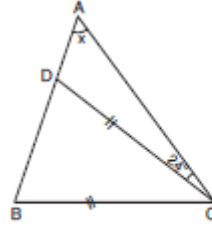


ABC bir üçgen
 $AB = AC$
 $AD = DC$
 $BD = BC$

Yukarıdaki verilere göre, $m(\widehat{ADB}) = x$ kaç derecedir?

- A) 144 B) 138 C) 132 D) 118 E) 108

2.

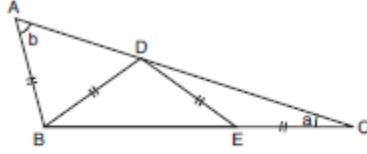


ABC bir üçgen
 $AB = AC$
 $AD = DC$
 $BC = CD$
 $m(\widehat{ACD}) = 24^\circ$

Yukarıdaki verilere göre, $m(\widehat{BAC}) = x$ kaç derecedir?

- A) 36 B) 42 C) 44 D) 48 E) 52

3.

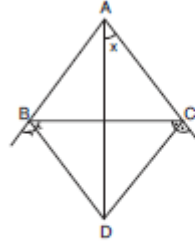


Şekilde ABC bir üçgen, $AB = BD = DE = EC$
 $m(\widehat{ACB}) = a$ ve $m(\widehat{BAC}) = b$ dir.

Buna göre, $\frac{b}{a}$ oranı kaçtır?

- A) 4 B) 3 C) 2 D) $\frac{3}{2}$ E) 1

4.

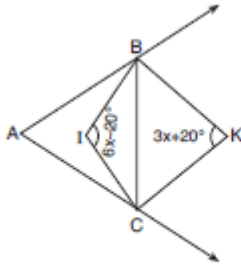


ABC bir üçgen
 $[BD]$ ve $[CD]$ dış açıortay
 $m(\widehat{BDC}) = 72^\circ$

Yukarıdaki verilere göre, $m(\widehat{DAC}) = x$ kaç derecedir?

- A) 36 B) 28 C) 22 D) 18 E) 16

5.

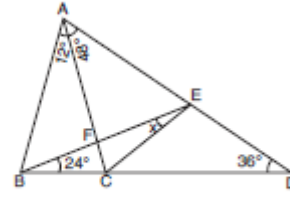


ABC üçgeninde I iç
 açıortayların kesim nok-
 tası, K dış teğet çember-
 in merkezi

Yukarıdaki verilere göre, x kaç derecedir?

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

6.

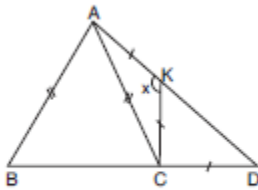


ABC bir üçgen
 $m(\widehat{BAC}) = 12^\circ$
 $m(\widehat{CAD}) = 48^\circ$
 $m(\widehat{EBD}) = 24^\circ$
 $m(\widehat{ADB}) = 36^\circ$

Yukarıdaki verilere göre, $m(\widehat{BEC}) = x$ kaç derecedir?

- A) 4 B) 6 C) 8 D) 10 E) 12

7.

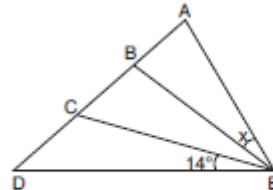


ABD bir üçgen
 $AB = AC$
 $AD = DC$
 $BK = KC$

Yukarıdaki verilere göre, $m(\widehat{AKC}) = x$ kaç derecedir?

- A) 105 B) 115 C) 125 D) 135 E) 145

8.

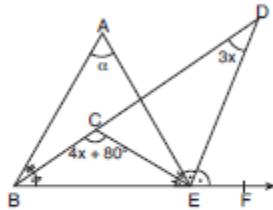


ADE bir üçgen
 $AC = AE$
 $BE = ED$
 $m(\widehat{DEC}) = 14^\circ$

Yukarıdaki verilere göre, $m(\widehat{BEA}) = x$ kaç derecedir?

- A) 21 B) 28 C) 33 D) 36 E) 42

9.

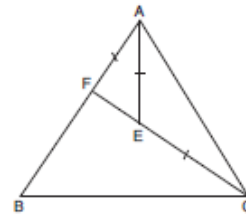


ABE bir üçgen
 $m(\widehat{ABD}) = m(\widehat{FBD})$
 $m(\widehat{CEB}) = m(\widehat{CEA})$
 $m(\widehat{AED}) = m(\widehat{DEF})$
 $m(\widehat{BDE}) = 3x$
 $m(\widehat{BCE}) = 4x + 80^\circ$

Yukarıdaki verilere göre, $m(\widehat{BAE}) = \alpha$ kaç derecedir?

- A) 30 B) 40 C) 60 D) 70 E) 80

10.

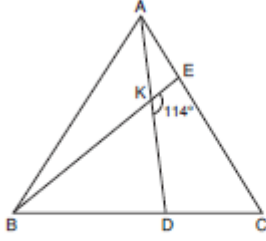


ABC bir üçgen
 $AF = FE = EC$
 $m(\widehat{BAC}) = 108^\circ$

Yukarıdaki verilere göre, $m(\widehat{BFC})$ kaç derecedir?

- A) 126 B) 132 C) 138 D) 144 E) 146

11.

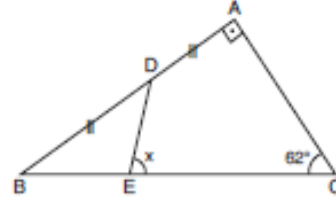


ABC bir üçgen
 $IABI = IADI$
 $IBEI = IEIC$
 $m(\widehat{EKD}) = 114^\circ$

Yukarıdaki verilere göre, $m(\widehat{BAC})$ kaç derecedir?

- A) 62 B) 66 C) 71 D) 74 E) 82

12.

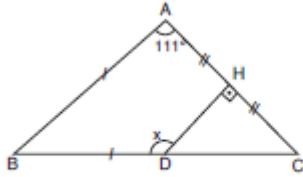


ABC bir üçgen
 $[AB] \perp [CA]$
 $IADI = IBDI$
 $IBCI = 4IBEI$
 $m(\widehat{ACB}) = 62^\circ$

Yukarıdaki verilere göre, $m(\widehat{DEC}) = x$ kaç derecedir?

- A) 48 B) 52 C) 56 D) 62 E) 68

13.

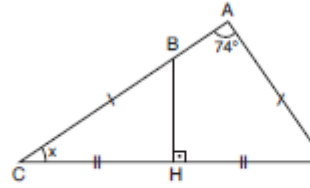


ABC bir üçgen
 $[DH] \perp [AC]$
 $IAHI = IHCI$
 $IABI = IBDI$
 $m(\widehat{BAC}) = 111^\circ$

Yukarıdaki verilere göre, $m(\widehat{BDH}) = x$ kaç derecedir?

- A) 111 B) 117 C) 119 D) 123 E) 127

14.

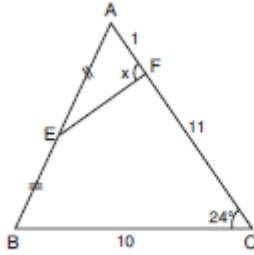


ACD bir üçgen
 $[BH] \perp [DC]$
 $ICHI = IHDI$
 $IBCI = IADI$
 $m(\widehat{CAD}) = 74^\circ$

Yukarıdaki verilere göre, $m(\widehat{ACD}) = x$ kaç derecedir?

- A) 37 B) 44 C) 47 D) 53 E) 69

15.

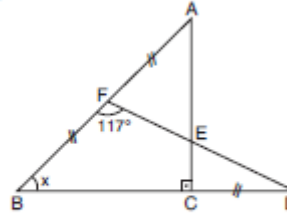


ABC bir üçgen
 $IAEI = IEBI$
 $m(\widehat{ACB}) = 24^\circ$
 $IBCI = 10 \text{ cm}$
 $IAFI = 1 \text{ cm}$
 $IFCI = 11 \text{ cm}$

Yukarıdaki verilere göre, $m(\widehat{AFE}) = x$ kaç derecedir?

- A) 100 B) 102 C) 108 D) 112 E) 116

16.

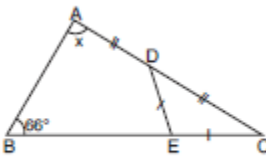


ABC bir üçgen
 $[AC] \perp [BD]$
 $IBFI = IAFI = IDCI$

Yukarıdaki verilere göre, $m(\widehat{ABC})$ kaç derecedir?

- A) 39 B) 42 C) 47 D) 51 E) 55

17.

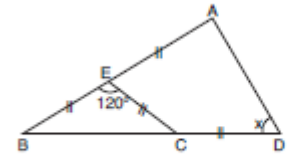


ABC bir üçgen
 $IADI = IDCI$
 $IABI = 2IDEI = 2IECI$
 $m(\widehat{ABC}) = 66^\circ$

Yukarıdaki verilere göre, $m(\widehat{BAC}) = x$ kaç derecedir?

- A) 72 B) 75 C) 81 D) 87 E) 92

18.

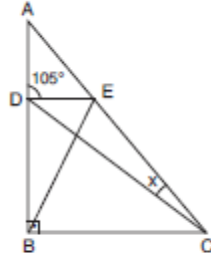


ABD bir üçgen
 $IBEI = IAEI = IEIC = IDCI$
 $m(\widehat{BEC}) = 120^\circ$

Yukarıdaki verilere göre, $m(\widehat{ADB}) = x$ kaç derecedir?

- A) 30 B) 40 C) 45 D) 55 E) 60

19.

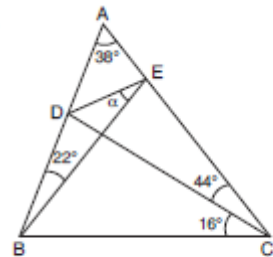


ABC bir üçgen
EBC eşkenar üçgen
 $[AB] \perp [BC]$
 $m(\widehat{ADE}) = 105^\circ$

Yukarıdaki verilere göre, $m(\widehat{DCA}) = x$ kaç derecedir?

- A) 5 B) 15 C) 20 D) 25 E) 35

20.

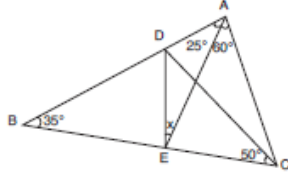


ABC bir üçgen
 $m(\widehat{BAC}) = 38^\circ$
 $m(\widehat{ABE}) = 22^\circ$
 $m(\widehat{BCD}) = 16^\circ$
 $m(\widehat{DCA}) = 44^\circ$

Yukarıdaki verilere göre, $m(\widehat{DEB}) = \alpha$ kaç derecedir?

- A) 8 B) 10 C) 12 D) 14 E) 16

21.

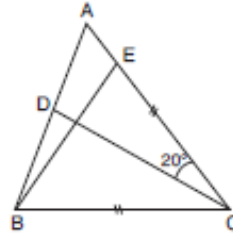


Şekilde ABC bir üçgen,
 $m(\widehat{ABC}) = 35^\circ$, $m(\widehat{DCB}) = 50^\circ$, $m(\widehat{BAE}) = 25^\circ$ ve
 $m(\widehat{EAC}) = 60^\circ$ dir.

Buna göre, $m(\widehat{DEA}) = x$ kaç derecedir?

- A) 5 B) 10 C) 15 D) 25 E) 30

22.

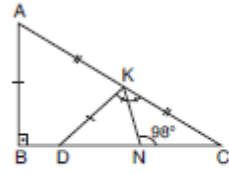


ABC bir üçgen
 $IECI = IBCI = IDCI$
 $m(\widehat{DCA}) = 20^\circ$

Yukarıdaki verilere göre, $m(\widehat{ABE})$ kaç derecedir?

- A) 5 B) 10 C) 15 D) 20 E) 25

23.

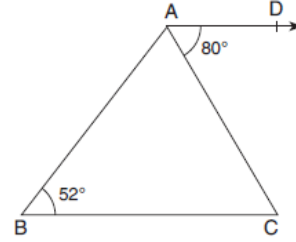


ABC bir üçgen
 $[AB] \perp [BC]$
 $IAKI = IKCI$
 $IABI = IDKI$
 $m(\widehat{DKN}) = m(\widehat{NKC})$
 $m(\widehat{KNC}) = 98^\circ$

Yukarıdaki verilere göre, $m(\widehat{BAC})$ kaç derecedir?

- A) 62 B) 68 C) 74 D) 76 E) 78

24.

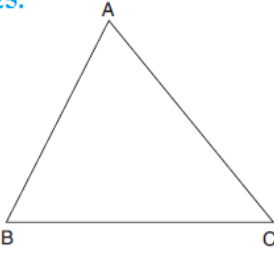


ABC bir üçgen
 $[AD] \parallel [BC]$
 $m(\widehat{DAC}) = 80^\circ$
 $m(\widehat{ABC}) = 52^\circ$

Yukarıdaki verilere göre, $m(\widehat{BAC})$ kaç derecedir?

- A) 28 B) 32 C) 36 D) 44 E) 48

25.

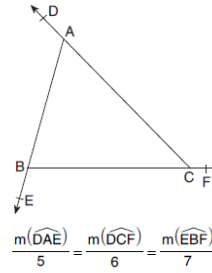


ABC bir üçgen
 $m(\widehat{BAC}) = m(\widehat{ABC}) + 40^\circ$
 $m(\widehat{ACB}) = m(\widehat{ABC}) - 10^\circ$

Yukarıdaki verilere göre, $m(\widehat{ACB})$ kaç derecedir?

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

26.



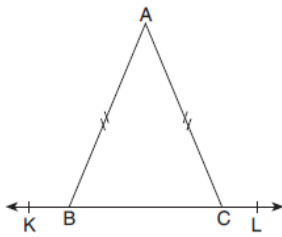
ABC bir üçgen

$$\frac{m(\widehat{DAE})}{5} = \frac{m(\widehat{DCF})}{6} = \frac{m(\widehat{EBF})}{7}$$

Yukarıdaki verilere göre, ABC üçgeninin en büyük iç açısının ölçüsü kaç derecedir?

- A) 80 B) 70 C) 60 D) 50 E) 40

27.

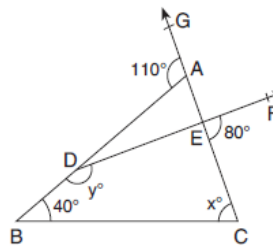


K, B, C, L noktaları
doğrusal
 $IABI = IACI$
 $m(\widehat{ABK}) = 4x - 10^\circ$
 $m(\widehat{ACL}) = 3x + 20^\circ$

Yukarıdaki verilere göre, $m(\widehat{BAC})$ kaç derecedir?

- A) 10 B) 20 C) 30 D) 40 E) 70

28.

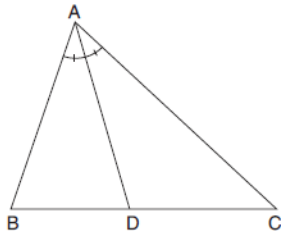


$m(\widehat{BAG}) = 110^\circ$
 $m(\widehat{FEC}) = 80^\circ$
 $m(\widehat{ABC}) = 40^\circ$
 $m(\widehat{FDB}) = y^\circ$
 $m(\widehat{GCB}) = x^\circ$

Yukarıdaki verilere göre, $y - x$ kaç derecedir?

- A) 80 B) 70 C) 60 D) 50 E) 40

29.

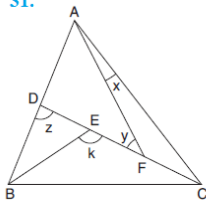


ABC bir üçgen
[AD] açıortay
 $m(\widehat{ABC}) - m(\widehat{ACB}) = 34^\circ$

Yukarıdaki verilere göre, $m(\widehat{ADC})$ kaç derecedir?

- A) 97 B) 107 C) 110 D) 117 E) 124

31.

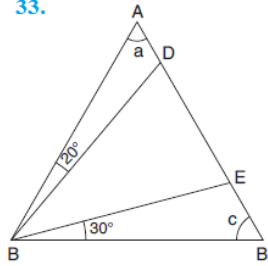


ABC bir üçgen
 $m(\widehat{FAC}) = x^\circ$
 $m(\widehat{AFD}) = y^\circ$
 $m(\widehat{BDC}) = z^\circ$
 $m(\widehat{BEC}) = k^\circ$

Yukarıdaki verilere göre, aşağıdaki sıralamalardan hangisi doğrudur?

- A) $k < z < y < x$ B) $y < z < k < x$
C) $x < y < z < k$ D) $x < y < k < z$
E) $k < z < x < y$

33.

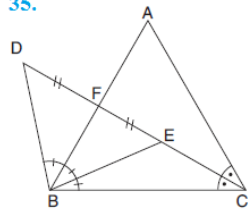


ABC bir üçgen
 $IBDI = IBEI$
 $m(\widehat{ABD}) = 20^\circ$
 $m(\widehat{EBC}) = 30^\circ$
 $2a + c = 80^\circ$

Yukarıdaki verilere göre, $m(\widehat{BAC}) = a$ kaç derecedir?

- A) 20 B) 30 C) 40 D) 50 E) 60

35.



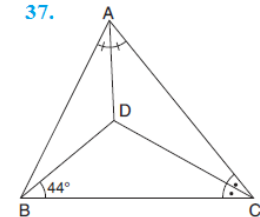
$IDFI = IEFI$
 $m(\widehat{BAC}) = 40^\circ$

Şekildeki DBC üçgeninde DBC açısı üç eşit parçaya, ACB açısı ise iki eşit parçaya ayrılmıştır.

Buna göre, $m(\widehat{BDC})$ kaç derecedir?

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

37.

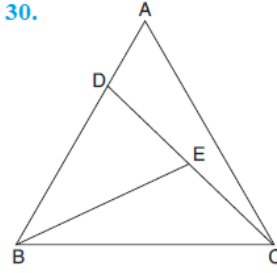


ABC bir üçgen
[AD] ve [CD]
açıortay
 $m(\widehat{DBC}) = 44^\circ$

Yukarıdaki verilere göre, $m(\widehat{ADC})$ kaç derecedir?

- A) 114 B) 124 C) 130 D) 134 E) 144

30.

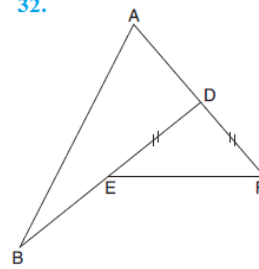


ABC bir üçgen
 $IBDI = IBEI$
 $m(\widehat{ACD}) = m(\widehat{EBC})$
 $m(\widehat{ACB}) = 80^\circ$

Yukarıdaki verilere göre, $m(\widehat{CDA})$ kaç derecedir?

- A) 80 B) 90 C) 100 D) 110 E) 120

32.

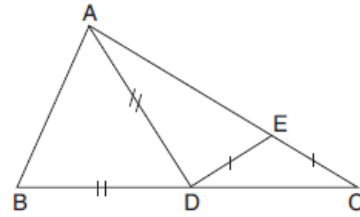


$IDFI = IDFI$
 $m(\widehat{BAF}) = 72^\circ$
 $m(\widehat{BEF}) = 140^\circ$

Yukarıdaki verilere göre, $m(\widehat{ABD})$ kaç derecedir?

- A) 22 B) 24 C) 26 D) 28 E) 30

34.

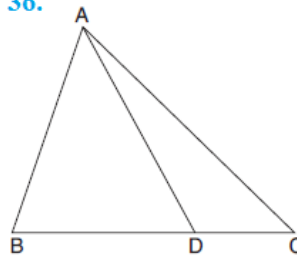


ABC bir üçgen
 $IADI = IBDI$
 $IDFI = ICEI$
 $m(\widehat{BAD}) = 54^\circ$
 $m(\widehat{DEC}) = 136^\circ$

Yukarıdaki verilere göre, $m(\widehat{ADE})$ kaç derecedir?

- A) 76 B) 84 C) 86 D) 90 E) 96

36.

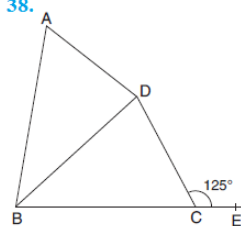


ABC bir üçgen
 $IACI = IBCI$
 $ICDI = IACI - IABI$
 $m(\widehat{ABC}) = 84^\circ$

Yukarıdaki verilere göre, $m(\widehat{DAC})$ kaç derecedir?

- A) 32 B) 34 C) 36 D) 46 E) 48

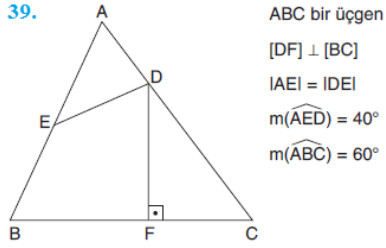
38.



$[BD] \perp [CD]$
 $IABI = IBDI$
 $m(\widehat{ABC}) = 85^\circ$
 $m(\widehat{ECD}) = 125^\circ$

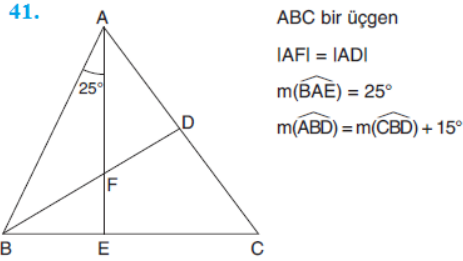
Yukarıdaki verilere göre, $m(\widehat{BAD})$ kaç derecedir?

- A) 75 B) 65 C) 60 D) 55 E) 45



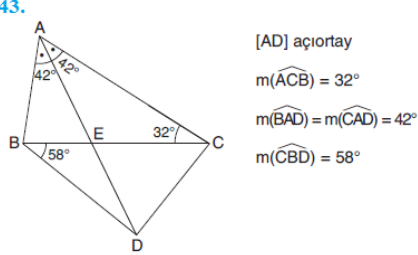
Yukarıdaki verilere göre, $m(\widehat{EDF})$ kaç derecedir?

- A) 40 B) 50 C) 60 D) 70 E) 80



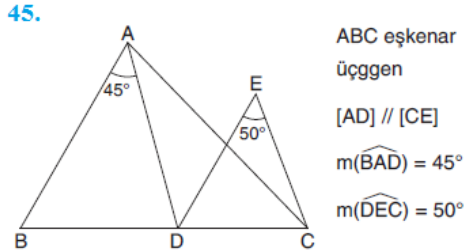
Yukarıdaki verilere göre, $m(\widehat{ACB})$ kaç derecedir?

- A) 20 B) 25 C) 40 D) 50 E) 60



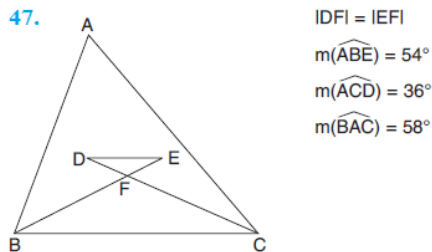
Yukarıdaki verilere göre, $m(\widehat{ADC})$ kaç derecedir?

- A) 24 B) 28 C) 32 D) 36 E) 42



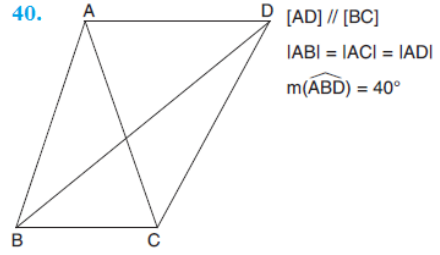
Yukarıdaki verilere göre, $m(\widehat{EDC})$ kaç derecedir?

- A) 30 B) 45 C) 50 D) 55 E) 65



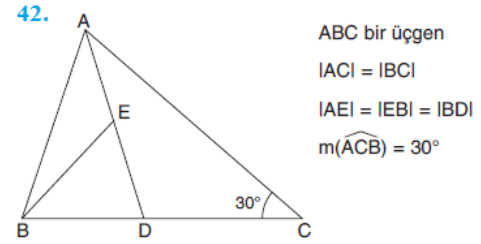
Yukarıdaki verilere göre, $m(\widehat{DEB})$ kaç derecedir?

- A) 12 B) 14 C) 16 D) 18 E) 26



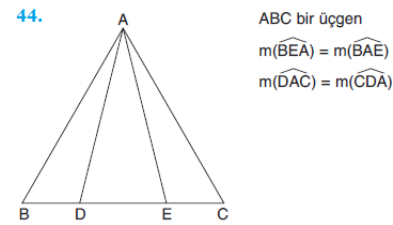
Yukarıdaki verilere göre, $m(\widehat{BDC})$ kaç derecedir?

- A) 10 B) 15 C) 20 D) 30 E) 50



Yukarıdaki verilere göre, $m(\widehat{EBC})$ kaç derecedir?

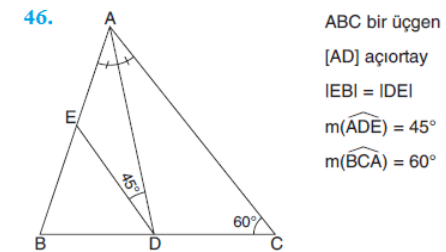
- A) 40 B) 36 C) 35 D) 32 E) 30



$$m(\widehat{ABC}) + m(\widehat{ACB}) = 112^\circ$$

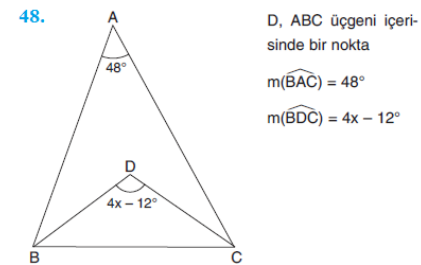
Yukarıdaki verilere göre, $m(\widehat{DAE})$ kaç derecedir?

- A) 56 B) 54 C) 52 D) 48 E) 46



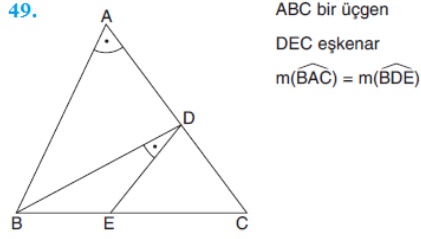
Yukarıdaki verilere göre, $m(\widehat{BDE})$ kaç derecedir?

- A) 35 B) 40 C) 50 D) 55 E) 65

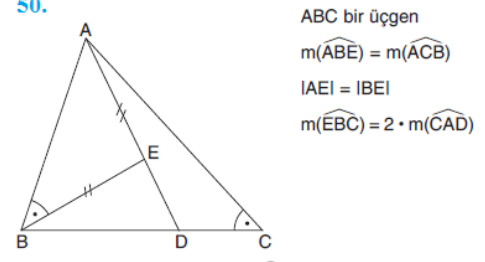


Yukarıdaki verilere göre, x in alabileceği kaç tam sayı değeri vardır?

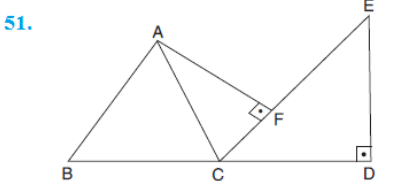
- A) 34 B) 33 C) 32 D) 31 E) 30



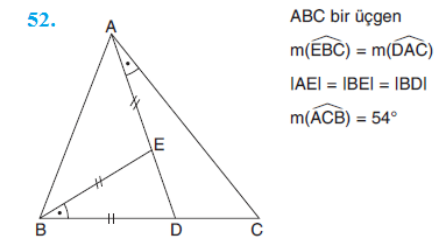
Yukarıdaki verilere göre, $m(\widehat{ABD})$ kaç derecedir?
A) 30 B) 40 C) 50 D) 60 E) 70



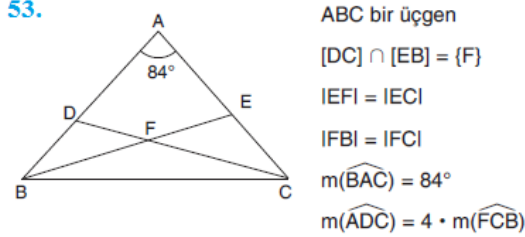
Yukarıdaki verilere göre, $m(\widehat{BDA})$ kaç derecedir?
A) 80 B) 70 C) 60 D) 50 E) 30



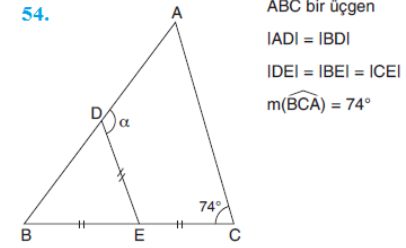
Şekilde ABC eşkenar üçgen, EDC ikizkenar dik üçgen, $[AF] \perp [CE]$ ve $[BD] \perp [DE]$ dir.
Buna göre, $m(\widehat{CAF})$ kaç derecedir?
A) 10 B) 15 C) 20 D) 25 E) 30



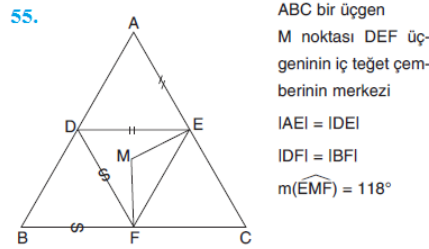
Yukarıdaki verilere göre, $m(\widehat{ABE})$ kaç derecedir?
A) 42 B) 39 C) 37 D) 35 E) 33



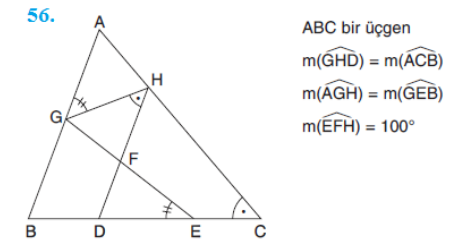
Yukarıdaki verilere göre, $m(\widehat{ABF})$ kaç derecedir?
A) 16 B) 24 C) 32 D) 38 E) 48



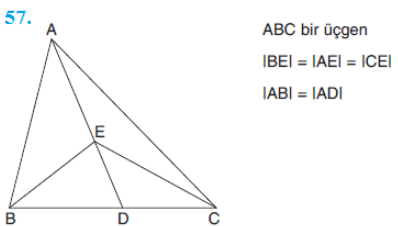
Yukarıdaki verilere göre, $m(\widehat{ADE}) = \alpha$ kaç derecedir?
A) 122 B) 123 C) 126 D) 127 E) 128



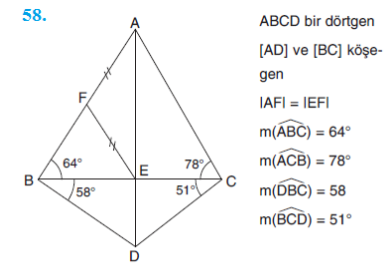
Yukarıdaki verilere göre, $m(\widehat{ACB})$ kaç derecedir?
A) 38 B) 44 C) 48 D) 52 E) 56



Yukarıdaki verilere göre, $m(\widehat{BAC})$ kaç derecedir?
A) 100 B) 80 C) 60 D) 50 E) 40

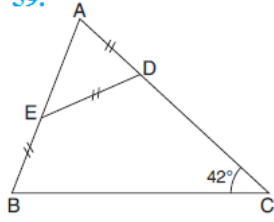


Yukarıdaki verilere göre, ACE açısının ölçüsü BAD açısının ölçüsünün kaç katıdır?
A) $\frac{1}{4}$ B) $\frac{1}{3}$ C) $\frac{1}{2}$ E) 1 D) 2



Yukarıdaki verilere göre, $m(\widehat{AEF})$ kaç derecedir?
A) 15 B) 17 C) 19 D) 21 E) 24

59.

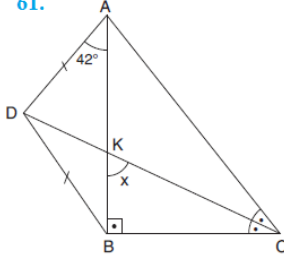


ABC bir üçgen
 $IADI = IDEI = IBEI$
 $ICDI = IBCI$
 $m(\widehat{ACB}) = 42^\circ$

Yukarıdaki verilere göre, $m(\widehat{ABC})$ kaç derecedir?

- A) 104 B) 100 C) 96 D) 92 E) 88

61.

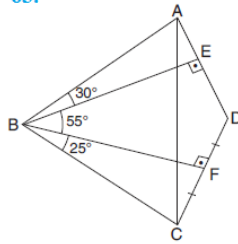


ABC bir üçgen
 $[AB] \perp [BC]$
 $m(\widehat{ACD}) = m(\widehat{DCB})$
 $IADI = IDBI$
 $m(\widehat{DAB}) = 42^\circ$

Yukarıdaki verilere göre, $m(\widehat{CKB}) = \alpha$ kaç derecedir?

- A) 42 B) 44 C) 46 D) 48 E) 50

63.

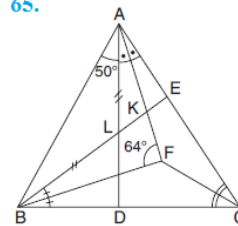


$[BE] \perp [AD]$
 $[FB] \perp [CD]$
 $IDFI = IFCI$
 $m(\widehat{ABE}) = 30^\circ$
 $m(\widehat{EBF}) = 55^\circ$
 $m(\widehat{FBC}) = 25^\circ$

Yukarıdaki verilere göre, $m(\widehat{CAE})$ kaç derecedir?

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

65.

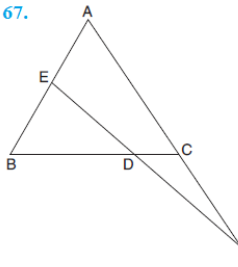


ABC bir üçgen
 $m(\widehat{DAF}) = m(\widehat{FAC})$
 $m(\widehat{EBF}) = m(\widehat{FBC})$
 $m(\widehat{ACF}) = m(\widehat{BCF})$
 $IBLI = IALI$
 $m(\widehat{BAD}) = 50^\circ$
 $m(\widehat{AFB}) = 64^\circ$

Yukarıdaki verilere göre, $m(\widehat{BCA})$ kaç derecedir?

- A) 24 B) 32 C) 36 D) 44 E) 48

67.

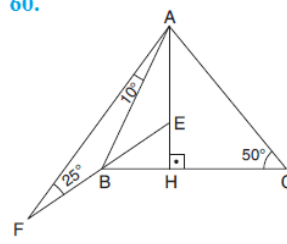


ABC ve AEF üçgen
 $IABI = IBCI$
 $IDEI = IBEI$
 $m(\widehat{EFA}) = 39^\circ$

Yukarıdaki verilere göre, $m(\widehat{AEF})$ kaç derecedir?

- A) 72 B) 68 C) 64 D) 58 E) 54

60.

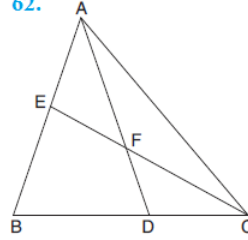


E noktası \widehat{ABC} nin
diklik merkezi
 $m(\widehat{FAB}) = 10^\circ$
 $m(\widehat{AFE}) = 25^\circ$
 $m(\widehat{ACB}) = 50^\circ$

Yukarıdaki verilere göre, $m(\widehat{BAH})$ kaç derecedir?

- A) 5 B) 10 C) 15 D) 20 E) 25

62.

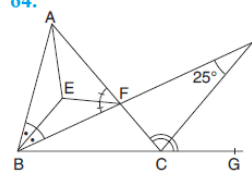


ABC bir üçgen
 $IADI = IDBI$
 $m(\widehat{AFC}) - m(\widehat{ECB}) = 80^\circ$

Yukarıdaki verilere göre, $m(\widehat{BAD})$ kaç derecedir?

- A) 50 B) 40 C) 30 D) 25 E) 20

64.

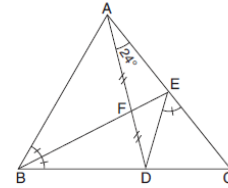


ABC bir üçgen
 $[BD]$, ABC açısının
açıortayı
 B, C, G noktaları
doğrusal
 $m(\widehat{ACD}) = m(\widehat{DCG})$
 $m(\widehat{ABE}) = m(\widehat{EBD})$
 $m(\widehat{AFE}) = m(\widehat{EFB})$
 $m(\widehat{BDC}) = 25^\circ$

Yukarıdaki verilere göre, $m(\widehat{BAE})$ kaç derecedir?

- A) 12,5 B) 15 C) 20 D) 22,5 E) 25

66.

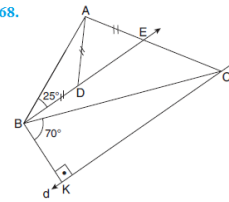


Şekilde ABC bir üçgen, $IADI = IDFI$
 $m(\widehat{ABE}) = m(\widehat{EBC}) = m(\widehat{DEC})$ ve $m(\widehat{DAC}) = 24^\circ$ dir.

Yukarıdaki verilere göre, $m(\widehat{BAC})$ kaç derecedir?

- A) 42 B) 48 C) 52 D) 66 E) 68

68.

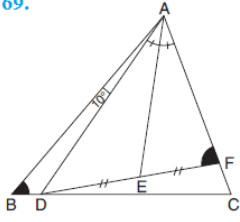


Şekilde ABC bir üçgen, $IAEI = IADI = IDBI$, $[BE] \parallel d$,
 $[BK] \perp d$, $m(\widehat{ABE}) = 25^\circ$ ve $m(\widehat{KBC}) = 70^\circ$ dir.

Yukarıdaki verilere göre, $m(\widehat{ECB}) - m(\widehat{DBC})$ kaç derecedir?

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

69.

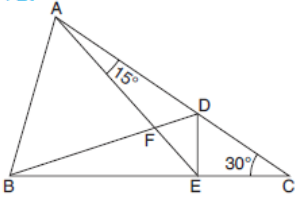


ABC bir üçgen
 $|DE| = |EF|$
 $m(\widehat{ABC}) = m(\widehat{AFD})$
 $m(\widehat{DAE}) = m(\widehat{EAC})$
 $m(\widehat{BAD}) = 10^\circ$

Yukarıdaki verilere göre, $m(\widehat{FDC})$ kaç derecedir?

- A) 5 B) 10 C) 15 D) 20 E) 30

71.



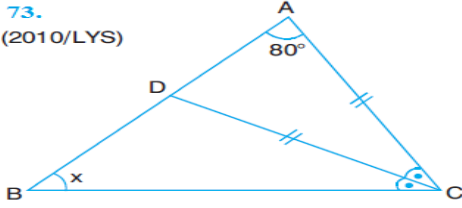
ABD eşkenar üçgen
 ABC üçgen
 $[AE] \cap [BD] = \{F\}$
 $m(\widehat{EAC}) = 15^\circ$
 $m(\widehat{ACB}) = 30^\circ$

Yukarıdaki verilere göre, $m(\widehat{BDE})$ kaç derecedir?

- A) 30 B) 45 C) 60 D) 75 E) 80

73.

(2010/LYS)

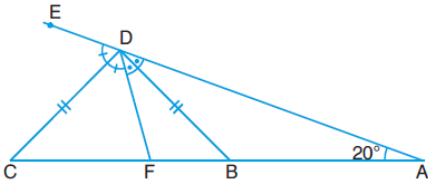


ABC bir üçgen, $|CA| = |CD|$, $m(\widehat{ACD}) = m(\widehat{DCB})$,
 $m(\widehat{BAC}) = 80^\circ$, $m(\widehat{ABC}) = x$

Yukarıdaki verilere göre x kaç derecedir?

- A) 40 B) 45 C) 50 D) 60 E) 75

75.



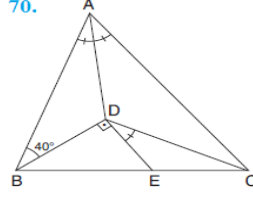
AΔC üçgen, [DB] ve [DC] açıortay

$|DC| = |DB|$, $m(\widehat{CAE}) = 20^\circ$

Yukarıdaki verilere göre, $m(\widehat{ADB})$ kaç derecedir?

- A) 25 B) 30 C) 35 D) 40 E) 45

70.

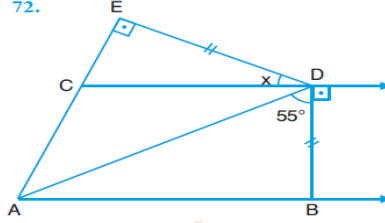


Şekilde ABC bir üçgen, $m(\widehat{BAD}) = m(\widehat{DAC}) = m(\widehat{EDC})$
 $m(\widehat{BDE}) = 90^\circ$ ve $m(\widehat{ABD}) = 40^\circ$ dir.

Yukarıdaki verilere göre, $m(\widehat{ADC})$ kaç derecedir?

- A) 110 B) 115 C) 120 D) 130 E) 140

72.



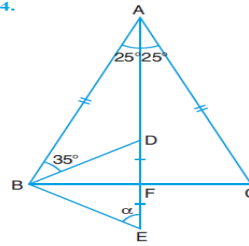
$[CD] \parallel [AB]$, $[DE] \perp [AE]$, $[BD] \perp [CD]$,

$|DE| = |DB|$, $m(\widehat{ADB}) = 55^\circ$ dir

Yukarıdaki verilere göre, $m(\widehat{EDC}) = x$ kaç derecedir?

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

74.



ABC ikizkenar üçgen, $m(\widehat{BAE}) = m(\widehat{EAC}) = 25^\circ$,
 $m(\widehat{ABD}) = 35^\circ$, $|AB| = |AC|$, $|DF| = |FE|$

Yukarıdaki verilere göre, $m(\widehat{AEB}) = \alpha$ kaç derecedir?

- A) 30 B) 45 C) 50 D) 55 E) 60

ÜÇGENDE AÇILAR TEST 1					
1	E	26	A	51	B
2	C	27	D	52	B
3	B	28	A	53	C
4	D	29	B	54	D
5	C	30	C	55	E
6	B	31	C	56	B
7	D	32	D	57	C
8	B	33	B	58	C
9	C	34	C	59	D
10	B	35	E	60	C
11	B	36	C	61	D
12	C	37	D	62	B
13	E	38	B	63	B
14	A	39	D	64	E
15	B	40	A	65	E
16	B	41	C	66	D
17	C	42	A	67	B
18	C	43	C	68	A
19	B	44	A	69	B
20	A	45	D	70	D
21	A	46	C	71	D
22	B	47	C	72	B
23	D	48	C	73	D
24	E	49	D	74	E
25	C	50	C	75	A