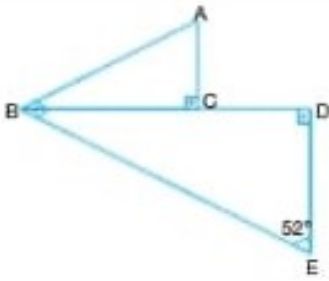


Üçgende Açı

1.

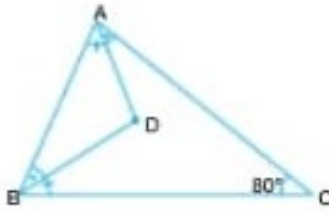


Şekilde
 $[AC] \perp [BD]$
 $[DE] \perp [BD]$
 $[AB] \perp [BE]$ ve
 $m(\widehat{BED}) = 52^\circ$

İse $m(\widehat{BAC})$ kaç derecedir?

- A) 37 B) 38 C) 39 D) 40 E) 41

2.

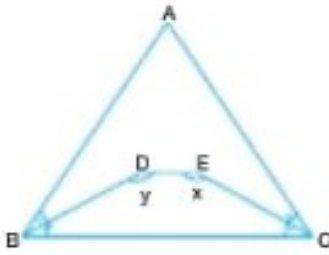


Şekilde ABC üçgen
 $m(\widehat{DBC}) = m(\widehat{DAB})$
 $m(\widehat{DAC}) = m(\widehat{DBA})$
 ve $m(\widehat{ACB}) = 80^\circ$

İse $m(\widehat{ADB})$ kaç derecedir?

- A) 110 B) 120 C) 130 D) 140 E) 150

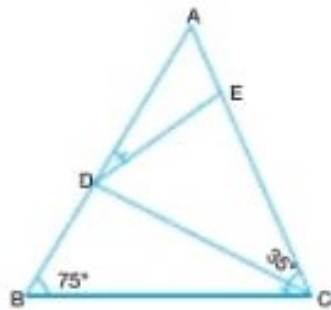
3.



ABC üçgen,
 $m(\widehat{ABD}) = m(\widehat{ECB})$
 $m(\widehat{DBC}) = m(\widehat{ACE})$
 $x + y = 290^\circ$
 İse $m(\widehat{A})$ kaç derecedir?

- A) 20 B) 25 C) 30 D) 35 E) 40

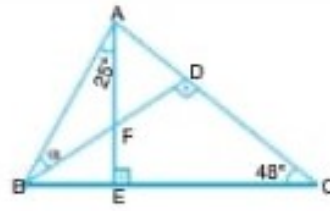
4.



Şekilde ABC üçgen
 $m(\widehat{DCB}) = m(\widehat{ADE})$
 $m(\widehat{ABC}) = 75^\circ$ ve
 $m(\widehat{DCE}) = 35^\circ$ İse
 $m(\widehat{DEC})$ kaç derecedir?

- A) 65 B) 70 C) 75 D) 80 E) 85

5.

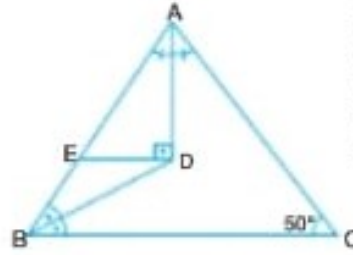


Şekilde ABC üçgen
 $[AE] \perp [BC]$
 $[BD] \perp [AC]$
 $m(\widehat{BAE}) = 25^\circ$

ve $m(\widehat{DCB}) = 48^\circ$ İse $m(\widehat{ABD}) = \alpha$ kaç derecedir?

- A) 21 B) 22 C) 23 D) 24 E) 25

6.

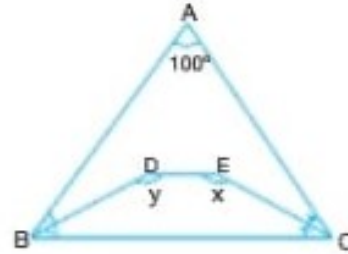


Şekilde ABC üçgen
 $[AD] \perp [BC]$
 $[BD]$ ve $[AD]$ iç açıortay,

$m(\widehat{ACB}) = 50^\circ$ İse $m(\widehat{EDB})$ kaç derecedir?

- A) 20 B) 25 C) 30 D) 35 E) 40

7.

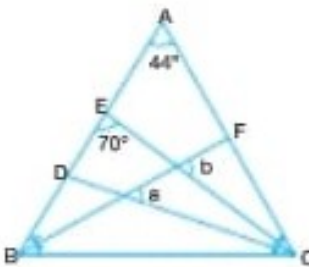


ABC üçgen
 $[BD]$ ve $[CE]$ açıortay
 $m(\widehat{BAC}) = 100^\circ$ dir.

Yukarıdaki verilere göre, $x + y$ toplamı kaç derecedir?

- A) 300 B) 310 C) 320 D) 330 E) 340

8.



Şekilde ABC üçgen
 C açısı üç eş açığa ayrılmış ve $[BF]$, B açısının açıortayıdır.

$m(\widehat{BAC}) = 44^\circ$ ve $m(\widehat{BEC}) = 70^\circ$ İse $b + a$ kaç derecedir?

- A) 132 B) 133 C) 134 D) 135 E) 136

derece sayıları