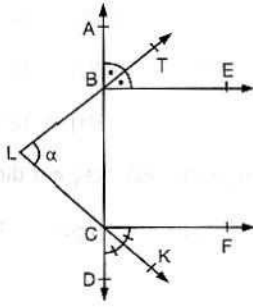


1.

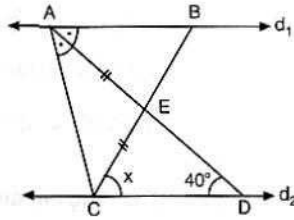


[BE // CF]
 $m(\widehat{ABT}) = m(\widehat{TBE})$
 $m(\widehat{FCK}) = m(\widehat{KCD})$
 A, B, C ve D
 doğrusal

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

- A) 55 B) 60 C) 75 D) 80 E) 90

2.

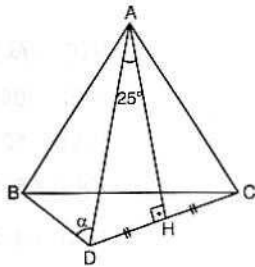


$d_1 // d_2$
 [AD], BAC açısının açıortayı
 $|AE| = |EC|$
 $m(\widehat{ADC}) = 40^\circ$

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

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

3.

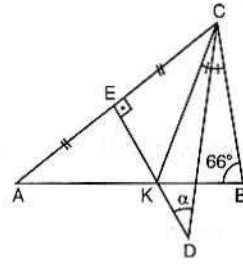


ABC eşkenar
 üçgen
 $[AH] \perp [DC]$
 $|DH| = |HC|$
 $m(\widehat{DAH}) = 25^\circ$

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

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

4.

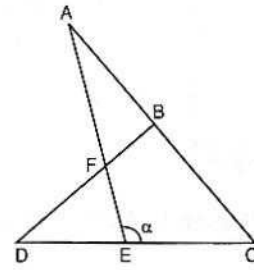


ABC bir üçgen
 $[DE] \perp [AC]$
 $m(\widehat{BCD}) = m(\widehat{KCD})$
 $|AE| = |EC|$
 $m(\widehat{ABC}) = 66^\circ$

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

- A) 32 B) 33 C) 34 D) 35 E) 36

5.

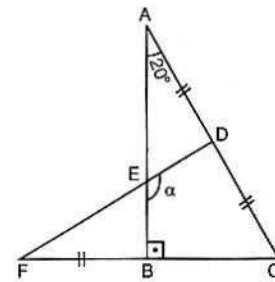


AEC ve BDC birer
 üçgen
 $|AF| = |AB|$
 $|BD| = |BC|$
 $m(\widehat{BDC}) = 2m(\widehat{EAC})$

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

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

6.

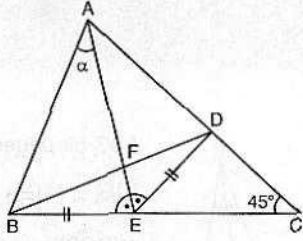


$[AB] \perp [FC]$
 $|FB| = |AD| = |DC|$
 $m(\widehat{BAC}) = 20^\circ$

Yukarıdaki şekilde; $[AB] \cap [FD] = \{E\}$ olduğuna göre, $m(\widehat{DEB}) = \alpha$ kaç derecedir?

- A) 95 B) 100 C) 105 D) 115 E) 125

7.



ABC bir üçgen

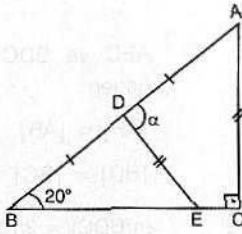
[EA] açıortay

 $|BE| = |ED|$ $m(\widehat{DBC}) = 20^\circ$ $m(\widehat{ACB}) = 45^\circ$

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

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

8.



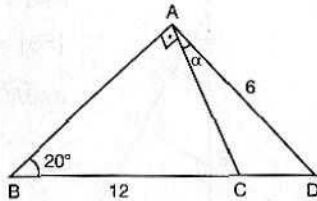
ABC bir dik üçgen

 $|AD| = |BD|$ $|AC| = |DE|$ $m(\widehat{ABC}) = 20^\circ$

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

- A) 30 B) 40 C) 50 D) 60 E) 80

9.



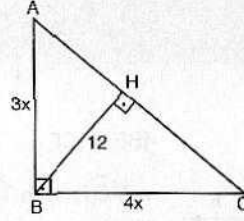
Şekilde $[AB] \perp [AC]$, $m(\widehat{ABD}) = 20^\circ$

$|AD| = 6$ cm, $|BC| = 12$ cm olduğuna göre,

$m(\widehat{CAD}) = \alpha$ kaç derecedir?

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

10.



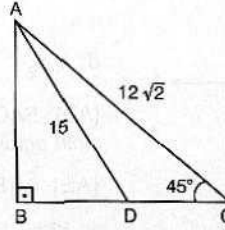
ABC dik üçgen

 $[AB] \perp [BC]$ $[BH] \perp [AC]$ $|AB| = 3x$ $|BC| = 4x$ $|BH| = 12$ cm

Yukarıdaki verilere göre, $|AB|$ kaç cm dir?

- A) 15 B) 18 C) 21 D) 24 E) 27

11.



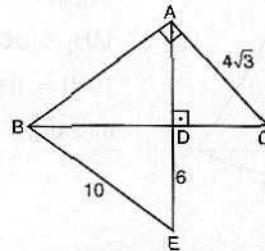
ABC ikizkenar dik üçgen

 $|AC| = 12\sqrt{2}$ cm $|AD| = 15$ cm $m(\widehat{ACB}) = 45^\circ$

Yukarıdaki verilere göre, $|DC|$ kaç cm dir?

- A) 2 B) 3 C) 4 D) 5 E) 6

12.

 $[AB] \perp [AC]$ $[AE] \perp [BC]$ $|BE| = 10$ cm $|DE| = 6$ cm $|AC| = 4\sqrt{3}$ cm

Yukarıdaki verilere göre, $|BC|$ kaç cm dir?

- A) 10 B) 12 C) 15 D) $8\sqrt{3}$ E) 24