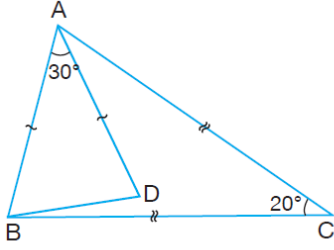


ÜÇGENLER TARAMA SORULARI

1)



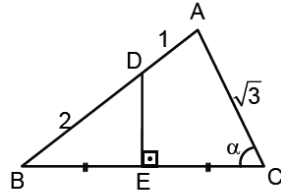
ABC üçgen
 $m(\widehat{BAD}) = 30^\circ$
 $m(\widehat{ACB}) = 20^\circ$
 $|AC| = |BC|$
 $|AB| = |AD|$

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

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

2)

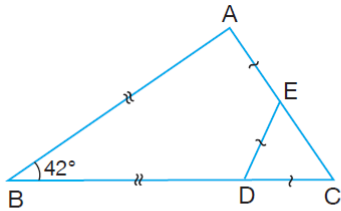
ABC üçgen,
 $[DE] \perp [BC]$,
 $|BE| = |EC|$,
 $|BD| = 2$ cm,
 $|AC| = \sqrt{3}$ cm,
 $|AD| = 1$ cm dir.



Yukarıdaki verilenlere göre $m(\widehat{BCA}) = \alpha$ kaç derecedir?

- A) 30 B) 45 C) 60 D) 75 E) 90

3)

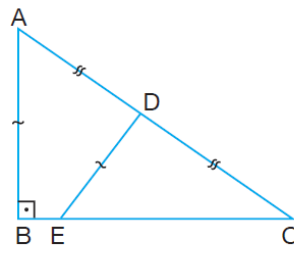


ABC üçgen
 $m(\widehat{ABC}) = 42^\circ$
 $|AE| = |ED| = |DC|$
 $|AB| = |BD|$

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

- A) 46 B) 48 C) 50 D) 54 E) 60

4)



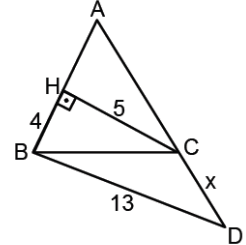
ABC dik üçgen
 $[AB] \perp [BC]$
 $|AD| = |DC|$
 $|AB| = |DE|$

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

- A) 25 B) 30 C) 45 D) 60 E) 75

5)

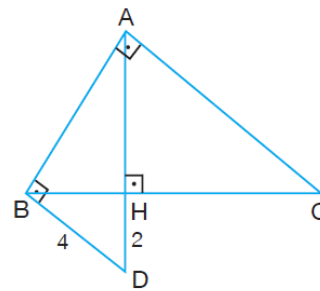
ABC üçgen,
A, C, D noktaları doğrusal,
 $[AB] \perp [HC]$, $|AB| = |AC|$,
 $|BD| = 13$ cm, $|HC| = 5$ cm,
 $|HB| = 4$ cm dir.



Yukarıdaki verilenlere göre $|CD| = x$ kaç cm dir?

- A) 5 B) 6 C) 7 D) 8 E) 9

6)

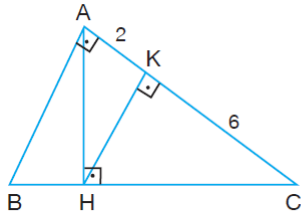


ABC dik üçgen
 $[AB] \perp [BD]$
 $[AB] \perp [AC]$
 $[AD] \perp [BC]$
 $|HD| = 2$ birim
 $|BD| = 4$ birim

Buna göre, $|AC|$ uzunluğu kaç birimdir?

- A) $2\sqrt{21}$ B) $4\sqrt{6}$ C) $6\sqrt{3}$
D) 12 E) 14

7)

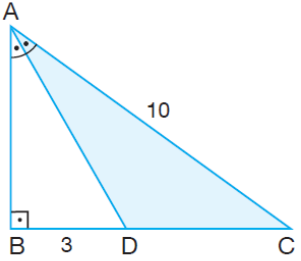


ABC dik üçgen
 $[AH] \perp [BC]$
 $[HK] \perp [AC]$
 $|AK| = 2$ birim
 $|KC| = 6$ birim

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

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

8)

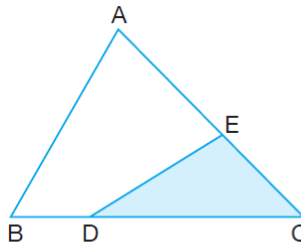


ABC dik üçgen
 $[AD]$ açıortay
 $|BD| = 3$ birim
 $|AC| = 10$ birim

Buna göre, $A(\widehat{ADC})$ kaç br^2 dir?

- A) 6 B) 8 C) 12 D) 15 E) 20

9)

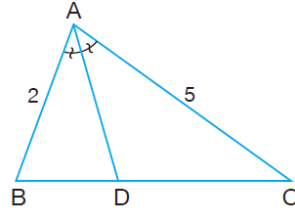


ABC üçgen
 $|AE| = 2|EC|$
 $|DC| = 3|BD|$
 $A(\widehat{ABC}) = 36$ br²

Buna göre, $A(\widehat{DEC})$ kaç birim karedir?

- A) 9 B) 10 C) 12 D) 14 E) 16

10)

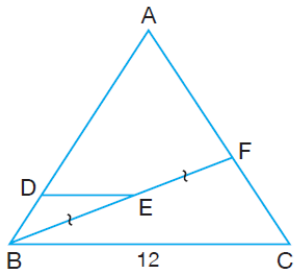


ABC üçgen
 $[AD]$ açıortay
 $|AB| = 2$ birim
 $|AC| = 5$ birim

Buna göre, \widehat{ADC} nin alanı \widehat{ABD} nin alanının kaç katıdır?

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

11)



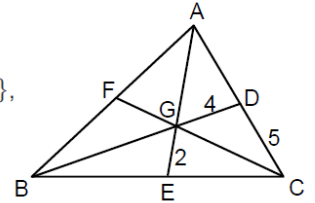
ABC üçgen
B, E, F doğrusal
 $[DE] \parallel [BC]$
 $|BE| = |EF|$
 $|AF| = 2|FC|$
 $|BC| = 12$ birim

Buna göre, $|DE|$ uzunluğu kaç birimdir?

- A) 5 B) 4 C) 3 D) 2 E) 1

12)

ABC üçgen, G noktası
ağırlık merkezi,
 $[AE] \cap [BD] \cap [CF] = \{G\}$,
 $|GE| = 2$ cm,
 $|GD| = 4$ cm ve
 $|DC| = 5$ cm dir.

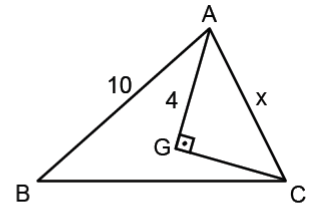


Yukarıdaki verilere göre \widehat{AGD} kaç cm dir?

- A) 11 B) 12 C) 13 D) 14 E) 15

13)

ABC üçgeninde
G noktası ağırlık
merkezi, $[AG] \perp [GC]$,
 $|AB| = 10$ cm,
 $|AG| = 4$ cm dir.



Yukarıdaki verilere göre $|AC| = x$ kaç cm dir?

- A) $\sqrt{13}$ B) 5 C) 6 D) $2\sqrt{13}$ E) 8