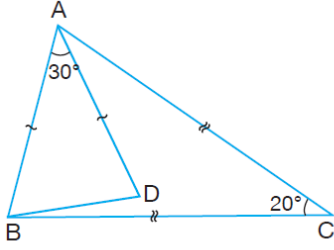


## ÜÇGENLER TARAMA SORULARI

1)



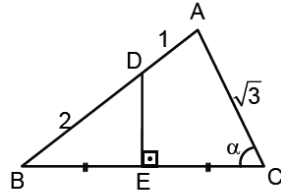
ABC üçgen  
 $m(\widehat{BAD}) = 30^\circ$   
 $m(\widehat{ACB}) = 20^\circ$   
 $|AC| = |BC|$   
 $|AB| = |AD|$

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

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

2)

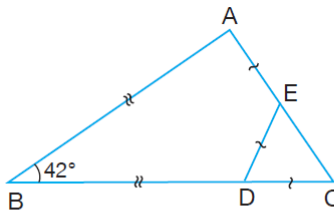
ABC üçgen,  
 $[DE] \perp [BC]$ ,  
 $|BE| = |EC|$ ,  
 $|BD| = 2$  cm,  
 $|AC| = \sqrt{3}$  cm,  
 $|AD| = 1$  cm dir.



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

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

3)

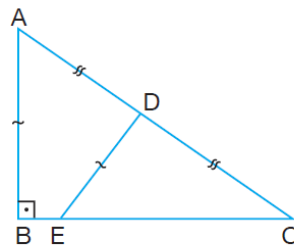


ABC üçgen  
 $m(\widehat{ABC}) = 42^\circ$   
 $|AE| = |ED| = |DC|$   
 $|AB| = |BD|$

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

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

4)



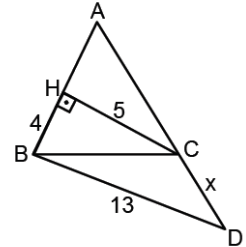
ABC dik üçgen  
 $[AB] \perp [BC]$   
 $|AD| = |DC|$   
 $|AB| = |DE|$

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

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

5)

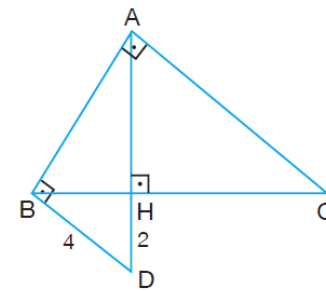
ABC üçgen,  
A, C, D noktaları doğrusal,  
 $[AB] \perp [HC]$ ,  $|AB| = |AC|$ ,  
 $|BD| = 13$  cm,  $|HC| = 5$  cm,  
 $|HB| = 4$  cm dir.



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

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

6)

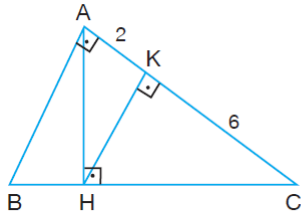


ABC dik üçgen  
 $[AB] \perp [BD]$   
 $[AB] \perp [AC]$   
 $[AD] \perp [BC]$   
 $|HD| = 2$  birim  
 $|BD| = 4$  birim

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

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

7)

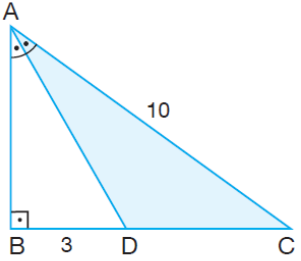


ABC dik üçgen  
 $[AH] \perp [BC]$   
 $[HK] \perp [AC]$   
 $|AK| = 2$  birim  
 $|KC| = 6$  birim

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

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

8)

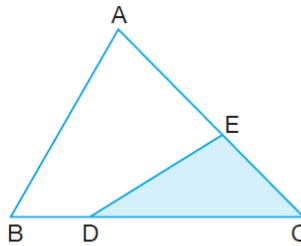


ABC dik üçgen  
 $[AD]$  açıortay  
 $|BD| = 3$  birim  
 $|AC| = 10$  birim

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

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

9)

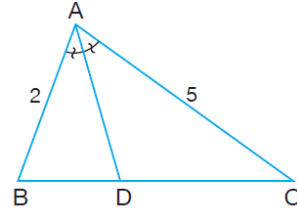


ABC üçgen  
 $|AE| = 2|EC|$   
 $|DC| = 3|BD|$   
 $A(\widehat{ABC}) = 36$  br<sup>2</sup>

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

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

10)

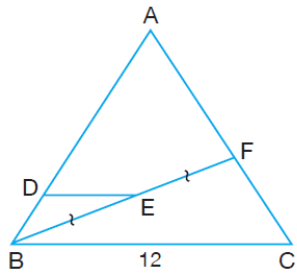


ABC üçgen  
 $[AD]$  açıortay  
 $|AB| = 2$  birim  
 $|AC| = 5$  birim

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)



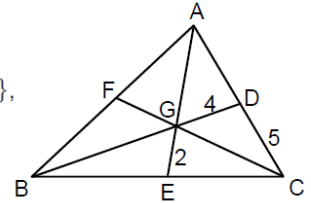
ABC üçgen  
B, E, F doğrusal  
 $[DE] \parallel [BC]$   
 $|BE| = |EF|$   
 $|AF| = 2|FC|$   
 $|BC| = 12$  birim

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.

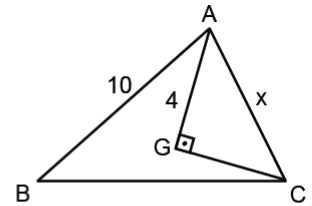


Yukarıdaki verilere göre  $|AG|$  kaç cm dir?

- 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