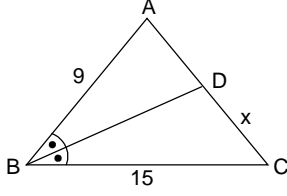




## ÜÇGENLER - II

TEST-43

1.



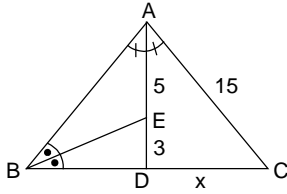
ABC üçgeninde, [BD] açıortaydır.

$$\begin{aligned} |AB| &= 9 \text{ cm} \\ |BC| &= 15 \text{ cm} \\ |AC| &= 8 \text{ cm} \end{aligned}$$

verilenlere göre,  $|DC| = x$  kaç cm dir?

- A) 3    B)  $\frac{7}{2}$     C) 4    D)  $\frac{9}{2}$     E) 5

2.



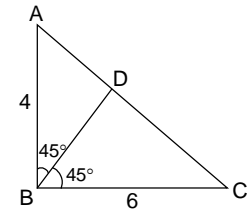
ABC üçgeninde, [AD] ve [BE] açıortaylardır.

$$\begin{aligned} |AC| &= 15 \text{ cm} \\ |AE| &= 5 \text{ cm} \\ |ED| &= 3 \text{ cm} \end{aligned}$$

verilenlere göre,  $|DC| = x$  kaç cm dir?

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

3.



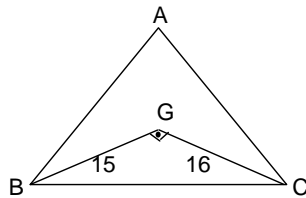
ABC dik üçgeninde,

$$\begin{aligned} m(\hat{ABD}) &= m(\hat{DBC}) = 45^\circ \\ |AB| &= 4 \text{ cm} \\ |BC| &= 6 \text{ cm} \end{aligned}$$

verilenlere göre, Alan( $\triangle DBC$ ) kaç  $\text{cm}^2$  dir?

- A) 5    B)  $\frac{24}{5}$     C)  $\frac{36}{5}$     D)  $\frac{48}{5}$     E) 12

4.

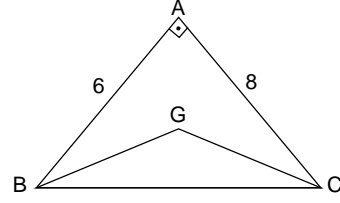


ABC üçgeninde, [BG]  $\perp$  [GC]  
G ağırlık merkezi,  
|BG| = 15 cm  
|GC| = 16 cm

verilenlere göre,  $|AB|$  kaç cm dir?

- A) 17    B) 24    C) 30    D) 34    E) 36

5.



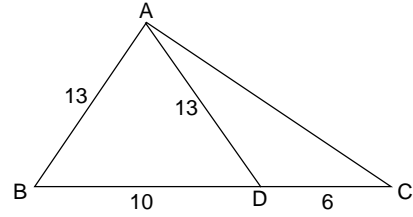
ABC dik üçgeninde G ağırlık merkezidir.

$$\begin{aligned} [BA] &\perp [CA] \\ |AB| &= 6 \text{ cm}, |AC| = 8 \text{ cm} \end{aligned}$$

verilenlere göre  $A(\triangle BGC)$  kaç  $\text{cm}^2$  dir?

- A) 4    B) 8    C) 12    D) 16    E) 24

6.



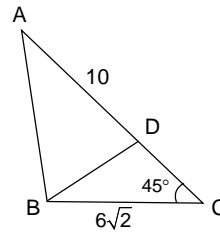
ABC üçgeninde,

$$\begin{aligned} |AB| &= |AD| = 13 \text{ cm}, |BD| = 10 \text{ cm}, \\ |DC| &= 6 \text{ cm} \end{aligned}$$

verilenlere göre,  $A(\triangle ADC)$  kaç  $\text{cm}^2$  dir?

- A) 18    B) 36    C) 42    D) 46    E) 52

7.



ABC üçgeninde,

$$\begin{aligned} |BC| &= 6\sqrt{2} \text{ cm} \\ |AD| &= 10 \text{ cm} \end{aligned}$$

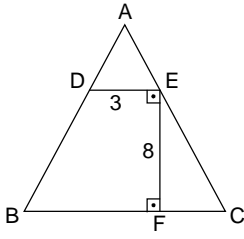
$$m(\hat{BCD}) = 45^\circ$$

verilenlere göre,  $A(\triangle ABD)$  kaç  $\text{cm}^2$  dir?

- A) 15    B) 18    C) 24    D) 30    E) 36



8.

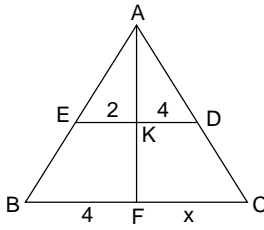


ABC üçgeninde,  
 $[DE] \perp [EF]$   
 $[BC] \perp [EF]$   
 $|CE| = 2|AE|$   
 $|DE| = 3 \text{ cm}$   
 $|EF| = 8 \text{ cm}$

verilenlere göre  $A(ABC)$  kaç  $\text{cm}^2$  dir?

- A) 12 B) 24 C) 38 D) 42 E) 54

9.

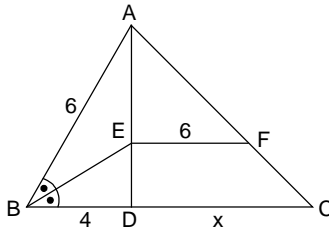


ABC üçgeninde,  
 $[ED] \parallel [BC]$   
 $|EK| = 2 \text{ cm}$   
 $|KD| = |BF| = 4 \text{ cm}$

verilenlere göre,  $|FC| = x$  kaç cm dir?

- A) 2 B) 4 C) 6 D) 8 E) 12

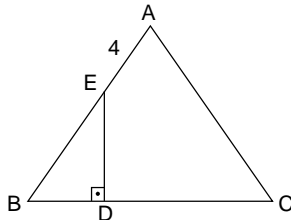
10.



ABC üçgeninde,  $[BE]$  açıortay,  $[EF] \parallel [BC]$ ,  
 $|BD| = 4 \text{ cm}$   $|AB| = |EF| = 6 \text{ cm}$   
 verilenlere göre  $|DC| = x$  kaç cm dir?

- A) 8 B) 10 C) 12 D) 16 E) 18

11.



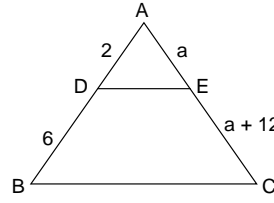
ABC eşkenar üçgen,

$[ED] \perp [BC]$   
 $|AE| = 4 \text{ cm}$   
 $|DC| = 9 \text{ cm}$

verilenlere göre,  $\text{Çevre}(ABC)$  kaç cm dir?

- A) 42 B) 38 C) 36 D) 30 E) 27

12.

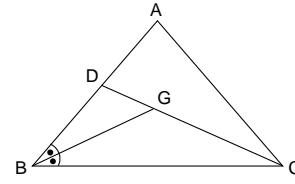


ABC üçgeninde,  
 $[DE] \parallel [BC]$   
 $|AD| = 2 \text{ cm}$   
 $|DB| = 6 \text{ cm}$   
 $|AE| = a$   
 $|EC| = a + 12$

verilenlere göre,  $|AE| = a$  kaç cm dir?

- A) 3 B) 4 C) 5 D) 6 E) 8

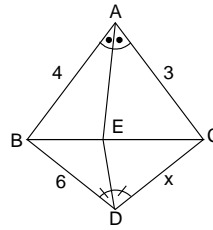
13.



ABC üçgeninde G ağırlığı merkezi  $[BG]$  açıortay,  
 $|BC| = 24 \text{ cm}$   
 verilenlere göre  $|AB|$  kaç cm dir?

- A) 6 B) 8 C) 12 D) 18 E) 24

14.



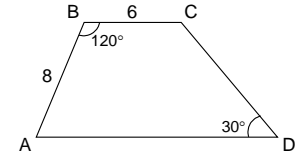
Şekilde,  $[AE]$  ve  $[DE]$  açıortaydırlar.

$|AB| = 4 \text{ cm}$   
 $|AC| = 3 \text{ cm}$   
 $|BD| = 6 \text{ cm}$

verilenlere göre,  $|DC| = x$  kaç cm dir?

- A) 4 B) 4,5 C) 5 D) 5,5 E) 6

15.



Şekilde,  $[AD] \parallel [BC]$

$m(\widehat{ABC}) = 120^\circ$ ,  $m(\widehat{ADC}) = 30^\circ$

$|BC| = 6 \text{ cm}$  ve  $|AB| = 8 \text{ cm}$

verilenlere göre,  $|AD|$  kaç cm dir?

- A) 12 B) 14 C) 16 D) 20 E) 22

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
E	A	C	D	D	B	D	E	D	B	A	D	E	B	E