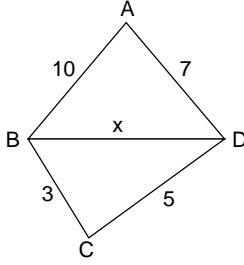




# ÜÇGENLER I

TEST-42

1.



Şekilde,

$$|AB| = 10 \text{ cm}$$

$$|AD| = 7 \text{ cm}$$

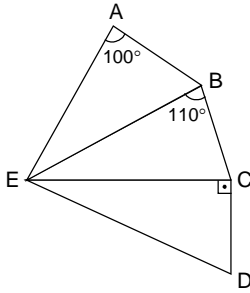
$$|BC| = 3 \text{ cm}$$

$$|CD| = 5 \text{ cm}$$

Verilenlere göre  $|BD| = x$  in alabileceği tam sayı değerinin toplamı kaçtır?

- A) 11 B) 18 C) 22 D) 26 E) 28

2.



Şekilde,

$$m(\hat{EAB}) = 100^\circ$$

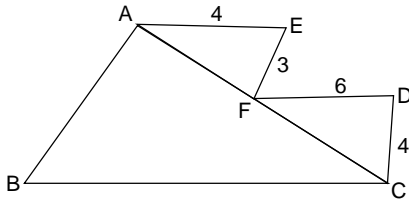
$$m(\hat{EBC}) = 110^\circ \text{ ve}$$

$$[EC] \perp [CD]$$

Verilenlere göre en uzun kenar aşağıdakilerden hangisidir?

- A) [AE] B) [BE] C) [CE] D) [DE] E) [AB]

3.



Şekilde,

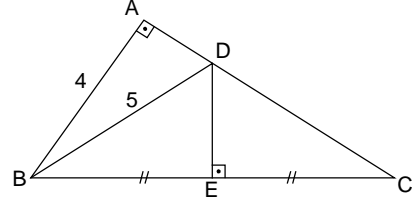
$$|AE| = 4 \text{ cm}, |EF| = 3 \text{ cm}, |DF| = 6 \text{ cm},$$

$$|DC| = 4 \text{ cm}$$

Verilenlere göre  $|AC|$  en büyük tam sayı değerini aldığı anda ABC üçgeninin çevresinin en küçük tam sayı değeri kaç cm dir?

- A) 30 B) 31 C) 32 D) 33 E) 34

4.



ABC dik üçgen,

$$[AB] \perp [AC], [BC] \perp [DE]$$

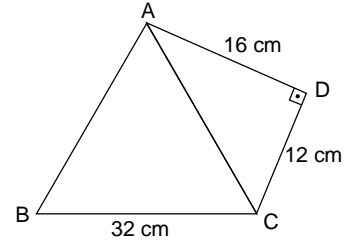
$$|BE| = |EC|$$

$$|AB| = 4 \text{ cm}, |BD| = 5 \text{ cm}$$

Olduğuna göre,  $|AC|$  kaç cm dir?

- A) 6 B) 7 C) 8 D) 9 E) 10

5.



ABC ikizkenar üçgendir.

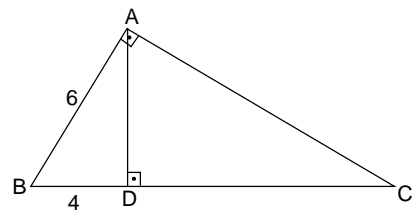
$$|AB| = |AC|,$$

$$|AD| = 16 \text{ cm}, |CD| = 12 \text{ cm}, |BC| = 32 \text{ cm}$$

Verilenlere göre A noktasının  $[BC]$  ye uzaklığı kaç cm. dir?

- A) 12 B) 13 C) 14 D) 15 E) 16

6.



BAC dik üçgen,

$$[AD] \perp [BC]$$

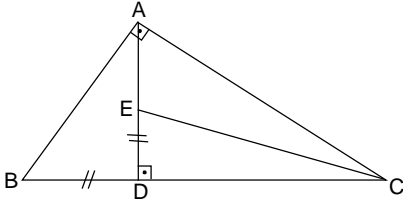
$$|AB| = 6 \text{ cm}, |BD| = 4 \text{ cm}$$

Verilenlere göre  $|DC|$  kaç cm dir?

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



7.

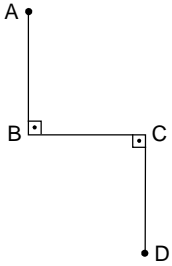


BAC dik üçgen,  
 $[BA] \perp [CA]$ ,  $[AD] \perp [BC]$   
 $|BD| = |ED|$ ,  
 $|AD| = 8$  cm

Verilenlere göre  $\triangle DEC$  üçgeninin alanı kaç  $cm^2$  dir?

- A) 24 B) 32 C) 48 D) 56 E) 64

8.

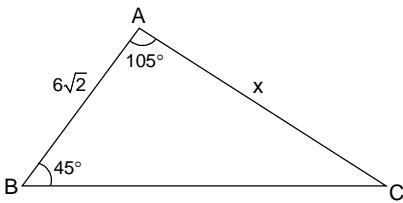


Şekilde,  
 $[AB] \perp [BC]$ ,  $[CD] \perp [BC]$   
 $|AB| = |CD| = 4$  cm  
 $|BC| = 6$  cm

Verilenlere göre A ile D arasındaki en kısa mesafe kaç cm dir?

- A) 8 B) 10 C) 12 D)  $2\sqrt{13}$  E)  $\sqrt{70}$

9.

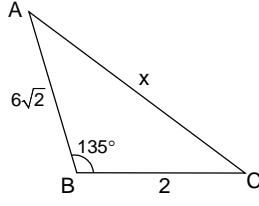


Şekilde,  
 $m(\hat{ABC}) = 45^\circ$ ,  $m(\hat{BAC}) = 105^\circ$   
 $|AB| = 6\sqrt{2}$  cm

Verilenlere göre,  $|AC| = x$  kaç cm dir?

- A) 6 B) 8 C) 10 D) 12 E) 16

10.

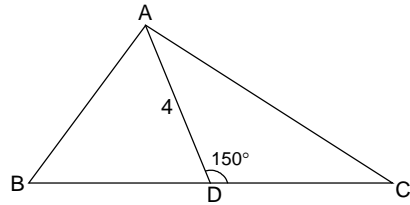


Şekilde,  
 $m(\hat{ABC}) = 135^\circ$   
 $|AB| = 6\sqrt{2}$  cm  
 $|BC| = 2$  cm

Verilenlere göre,  
 $|AC| = x$  kaç cm dir?

- A) 8 B) 9 C) 10 D) 11 E) 12

11.

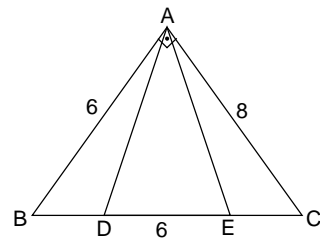


ABC üçgeninde,  
 $m(\hat{ADC}) = 150^\circ$   
 $|AD| = 4$  cm,  $|BC| = 12$  cm

Verilenlere göre Alan(ABC) kaç  $cm^2$  dir?

- A) 12 B) 16 C) 18 D) 20 E) 24

12.



BAC dik üçgen,  
 $[BA] \perp [CA]$   
 $|AB| = |DE| = 6$  cm,  $|AC| = 8$  cm

Verilenlere göre Alan(ADE) kaç  $cm^2$  dir?

- A) 12 B) 14 C) 14,4 D) 16 E) 16,6

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