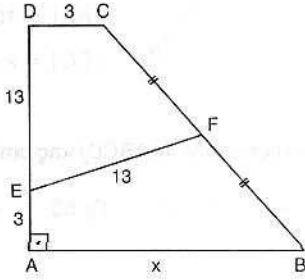


1.

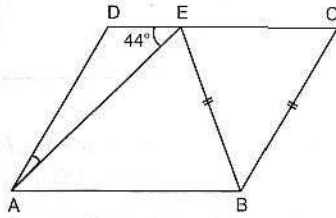


ABCD bir dik yamuk  
 $[DA] \perp [AB]$   
 $|CF| = |FB|$   
 $|AE| = 3 \text{ cm}$   
 $|ED| = 13 \text{ cm}$   
 $|EF| = 13 \text{ cm}$   
 $|DC| = 3 \text{ cm}$

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

- A) 17 B) 18 C) 19 D) 20 E) 21

2.

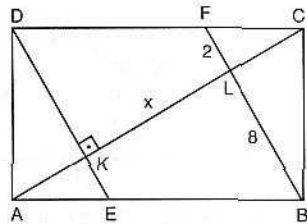


Şekildeki ABCD paralelkenarında;  $|BE| = |BC|$ ,  
 $|AE| = |DC|$  ve  $m(\widehat{DEA}) = 44^\circ$  dir.

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

- A) 18 B) 21 C) 22 D) 23 E) 24

3.

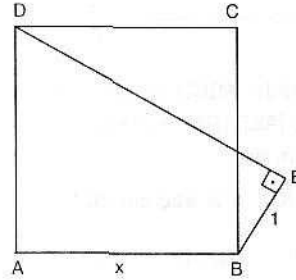


Şekildeki ABCD dikdörtgeninde,  $[DE] \perp [AC]$ ,  
 $[DE] \parallel [FB]$ ,  $|FL| = 2 \text{ cm}$  ve  $|LB| = 8 \text{ cm}$  dir.

Buna göre,  $|KL| = x$  kaç cm dir?

- A) 6 B) 8 C) 9 D) 10 E) 12

4.

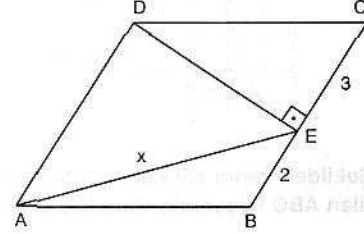


ABCD bir kare  
 $[DE] \perp [BE]$   
 $|BE| = 1 \text{ cm}$   
 $|DE| = 7 \text{ cm}$   
 $|AB| = x$

Yukarıdaki verilere göre,  $x$  kaç cm dir?

- A) 5 B) 6 C)  $4\sqrt{2}$  D)  $3\sqrt{5}$  E)  $4\sqrt{3}$

5.

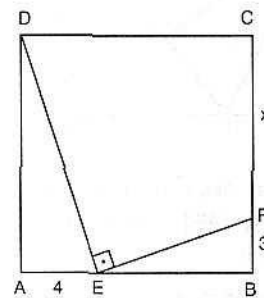


Yukarıdaki şekilde ABCD bir eşkenar dörtgen  
 $[DE] \perp [BC]$ ,  $|BE| = 2 \text{ cm}$  ve  $|EC| = 3 \text{ cm}$  dir.

Buna göre,  $|AE| = x$  kaç cm dir?

- A)  $\sqrt{37}$  B)  $2\sqrt{10}$  C)  $\sqrt{41}$  D)  $\sqrt{42}$  E)  $\sqrt{43}$

6.

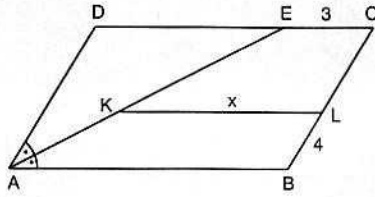


ABCD bir kare  
 $[DE] \perp [EF]$   
 $|AE| = 4 \text{ cm}$   
 $|BF| = 3 \text{ cm}$   
 $|FC| = x$

Yukarıdaki verilere göre,  $x$  kaç cm dir?

- A) 9 B) 10 C) 11 D) 12 E) 13

7.

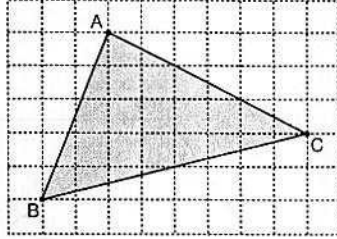


Yukarıdaki şekilde; ABCD bir paralelkenar, [AE] açıortay,  $[KL] \parallel [AB]$ ,  $|EK| = 2|KA|$ ,  $|EC| = 3$  cm ve  $|BL| = 4$  cm dir.

Buna göre,  $|KL| = x$  kaç cm dir?

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

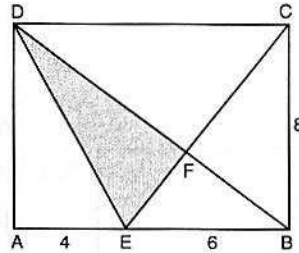
8.



Şekildeki birim karelere ayrılmış zeminde verilen ABC üçgeninin alanı kaç birim karedir?

- A) 16 B) 17 C) 18 D) 19 E) 20

9.

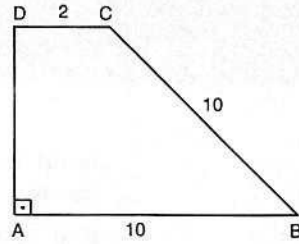


Yukarıdaki şekilde; ABCD bir dikdörtgen,  $[BD] \cap [EC] = \{F\}$ ,  $|AE| = 4$  cm,  $|EB| = 6$  cm ve  $|BC| = 8$  cm dir.

Buna göre, Alan(DEF) kaç  $\text{cm}^2$  dir?

- A) 12 B) 15 C) 16 D) 18 E) 20

10.



ABCD bir dik yamuk

$[DA] \perp [AB]$

$|AB| = 10$  cm

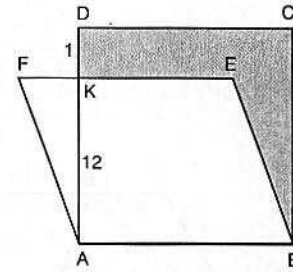
$|BC| = 10$  cm

$|DC| = 2$  cm

Yukarıdaki verilere göre,  $A(ABCD)$  kaç  $\text{cm}^2$  dir?

- A) 36 B) 40 C) 48 D) 50 E) 72

11.

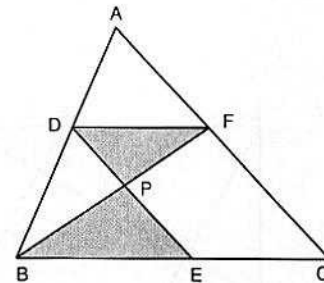


Yukarıdaki şekilde; ABCD bir kare, ABEF eşkenar dörtgen,  $|AK| = 12$  cm ve  $|KD| = 1$  cm dir.

Buna göre, taralı bölgenin alanı kaç  $\text{cm}^2$  dir?

- A) 41 B) 42 C) 43 D) 44 E) 45

12.



Yukarıdaki şekilde; ABC bir üçgen, ECFD paralelkenar,  $A(DPF) = 2 \text{ cm}^2$  ve  $A(PBE) = 8 \text{ cm}^2$  dir.

B, P, F doğrusal olduğuna göre, ABC üçgeninin alanı kaç  $\text{cm}^2$  dir?

- A) 24 B) 27 C) 30 D) 32 E) 36