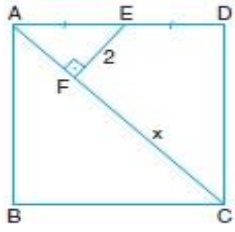


Adı ve Soyadı :

Sınıfı :

Numarası :

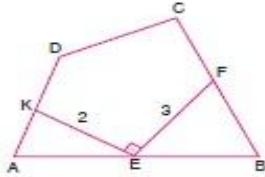
ÖNEMLİ NOT: HER SORUNUN DOĞRU ÇÖZÜMÜ 5 PUAN SÜRE 40 DK DIR. ÇÖZÜMLERİ  
ŞEKLİN ÜSTÜNE VEYA BOŞLUKLARA YAPINIZ. YAZILAR OKUNAKLI VE ANLAŞILIR OLMALIDIR  
D - GRUBU



ABCD karesinde,  $|AE| = |ED|$   
 $|FC| = ?$

- A) 4 B) 5 C) 6 D) 7 E) 8

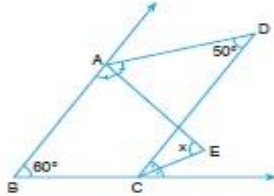
2)



ABCD dörtgeninde; K, E ve F kenar orta noktalarıdır.  $[KE] \perp [EF]$ ,  $|KE| = 2$  cm ve  $|EF| = 3$  cm ise  $A(ABCD)$  kaç  $cm^2$  dir?

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

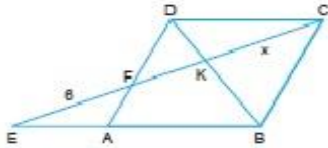
3)



ABCD dörtgeninde,  $[AE]$  ile  $[CE]$  açıortaylardır.  
 $m(\widehat{ABC}) = 60^\circ$  ve  $m(\widehat{ADC}) = 50^\circ$  olduğuna göre,  $m(\widehat{CEA}) = x$  kaç derecedir?

- A) 65 B) 70 C) 75 D) 80 E) 85

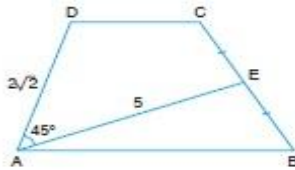
4)



ABCD eşkenar dörtgeninde, E, A, B doğrusal  
 $[EC] \cap [BD] = \{K\}$ ,  $|DF| = 2|FA|$  ve  $|EF| = 6$  cm  
ise  $|KC| = x$  kaç cm dir?

- A)  $\frac{32}{5}$  B)  $\frac{36}{5}$  C)  $\frac{38}{5}$  D) 8 E)  $\frac{42}{5}$

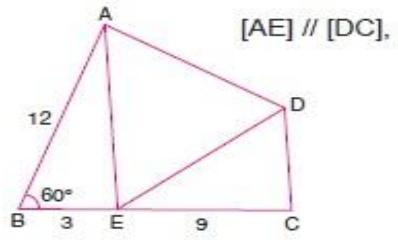
5)



ABCD yamuğunda,  $m(\widehat{DAE}) = 45^\circ$ ,  $|AE| = 5$  br  
 $|AD| = 2\sqrt{2}$  br,  $|CE| = |EB|$  ise  $A(ABCD)$  kaç  $br^2$  dir?

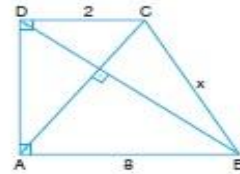
- A) 5 B) 6 C) 8 D) 10 E) 11

6)



ABCD dörtgeninde,  $A(ABED)$  kaç  $cm^2$  dir?  
A)  $18\sqrt{3}$  B)  $24\sqrt{3}$  C)  $30\sqrt{3}$   
D)  $32\sqrt{3}$  E)  $36\sqrt{3}$

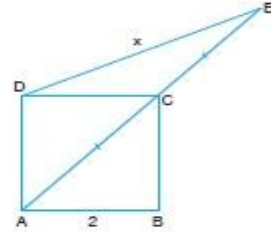
7)



ABCD dik yamuğunda,  $[AC] \perp [BD]$ ,  $|DC| = 2$  br  
 $|AB| = 8$  br ise  $|CB| = x$  kaç br dir?

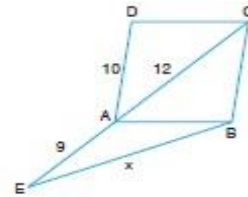
- A) 7 B)  $5\sqrt{2}$  C)  $2\sqrt{13}$   
D) 8 E)  $5\sqrt{3}$

8)



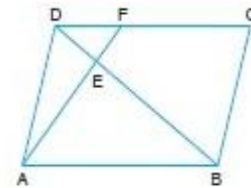
ABCD karesinde, A, C, E doğrusal,  $|AB| = 2$  cm  
ve  $|AC| = |CE|$  ise  $|DE| = x$  kaç cm dir?  
A)  $2\sqrt{3}$  B) 4 C)  $2\sqrt{5}$  D) 5 E) 6

9)



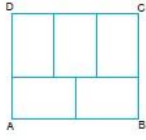
ABCD eşkenar dörtgeninde C, A, E doğrusal  
 $|AD| = 10$  cm,  $|AE| = 9$  cm,  $|AC| = 12$  cm  
ise  $|EB| = x$  kaç cm dir?  
A) 13 B) 15 C) 17 D) 18 E) 20

10)



ABCD paralelkenarında,  $|AE| = 3|EF|$   
 $A(DEF) = 6$  br<sup>2</sup> ise  $A(BEFC)$  kaç br<sup>2</sup> dir?  
A) 54 B) 66 C) 72 D) 86 E) 90

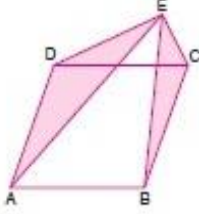
11)



ABCD dikdörtgeni 5 eş dikdörtgenden oluşmuştur. ABCD dikdörtgeninin çevresi 22 cm ise  $|AD|$  kaç cm dir?

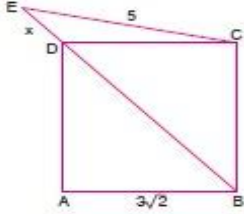
- A) 4 B) 5 C)  $\frac{11}{2}$  D) 6 E)  $\frac{13}{2}$

12)



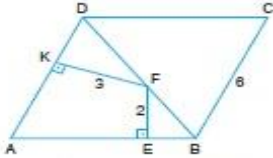
ABCD eşkenar dörtgeninde  $A(ADE) = 30 \text{ cm}^2$   
 $A(BEC) = 25 \text{ cm}^2$  ise  $A(ABCD)$  kaç  $\text{cm}^2$  dir?  
 A) 120 B) 110 C) 90 D) 75 E) 55

13)



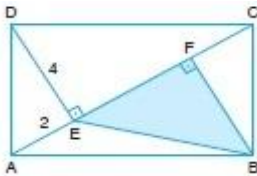
ABCD karesinde,  $|EC| = 5$  br,  $|AB| = 3\sqrt{2}$  br  
 E, D, B doğrusal ise  $|ED| = x$  kaç br dir?  
 A) 1 B)  $\sqrt{2}$  C)  $\sqrt{3}$  D) 2 E)  $\sqrt{5}$

14)



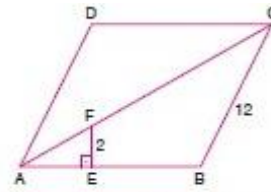
ABCD eşkenar dörtgeninde,  $[BD]$  köşegen  
 $[FE] \perp [AB]$ ,  $[FK] \perp [AD]$ ,  $|FE| = 2 \text{ cm}$   
 $|FK| = 3 \text{ cm}$  ve  $|BC| = 6 \text{ cm}$  ise  $A(ABCD)$   
 kaç  $\text{cm}^2$  dir?  
 A) 30 B) 28 C) 27 D) 25 E) 24

15)



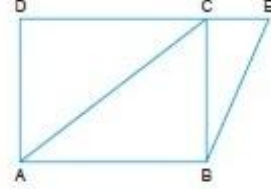
ABCD dikdörtgeninde,  $[DE] \perp [AC]$ ,  $[BF] \perp [AC]$   
 $|AE| = 2 \text{ cm}$  ve  $|DE| = 4 \text{ cm}$  ise  $A(BFE)$  kaç  
 $\text{cm}^2$  dir?  
 A) 8 B) 12 C) 16 D) 24 E) 36

16)



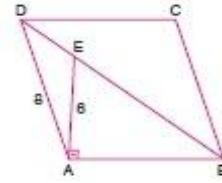
ABCD eşkenar dörtgeninde,  $[AC]$  köşegen  
 $[FE] \perp [AB]$ ,  $|CF| = 3|AF|$ ,  $|FE| = 2 \text{ cm}$  ve  
 $|BC| = 12 \text{ cm}$  ise  $A(ABCD)$  kaç  $\text{cm}^2$  dir?  
 A) 90 B) 92 C) 94 D) 96 E) 98

17)



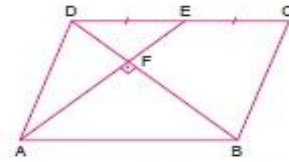
ABCD dikdörtgeninde,  $|DE| = |AC| = 2|AD|$  ise  
 $m(\widehat{CBE})$  kaç derecedir?  
 A) 15 B) 20 C) 30 D) 45 E) 60

18)



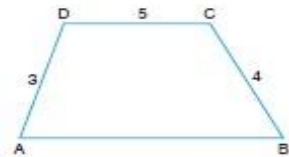
ABCD eşkenar dörtgeninde,  $[BD]$  köşegen  
 $[EA] \perp [AB]$ ,  $|AD| = 8 \text{ cm}$ ,  $|AE| = 6 \text{ cm}$  ise  
 $|DE|$  kaç cm dir?  
 A) 3 B) 2,8 C) 2,6 D) 2,5 E) 2,4

19)



ABCD paralelkenarında,  $[AE] \perp [BD]$   
 $|DE| = |EC|$ ,  $|AE| = 6 \text{ cm}$ ,  $|BD| = 5 \text{ cm}$  ise  
 $A(ABCD)$  kaç  $\text{cm}^2$  dir?  
 A) 15 B) 16 C) 18 D) 20 E) 21

20)



ABCD yamuğunda,  $|DC| = 5 \text{ br}$ ,  $|AD| = 3 \text{ br}$   
 $|CB| = 4 \text{ br}$ ,  $m(\widehat{C}) = 90^\circ + m(\widehat{A})$  ise  $A(ABCD)$   
 kaç  $\text{br}^2$  dir?  
 A) 15 B) 16 C) 17 D) 18 E) 19

1	2	3	4	5	6	7	8	9	10
D	A	E	D	B	C	B	D	B	A
11	12	13	14	15	16	17	18	19	20
D	C	E	B	E	A	A	E	C	C