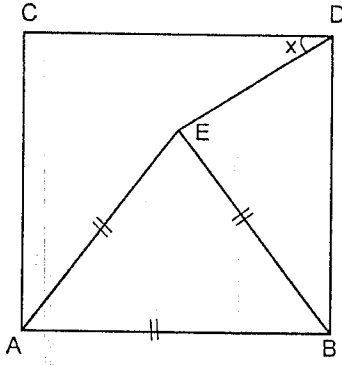


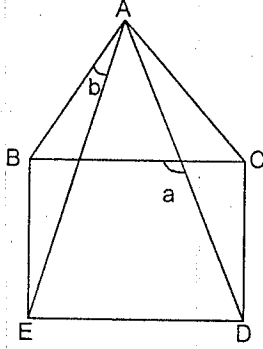
1.



ABCD dörtgeni kare olup ABE eşkenar üçgen ise  $x$  kaç derecedir?

- A) 45 B) 30 C) 20 D) 15 E) 10

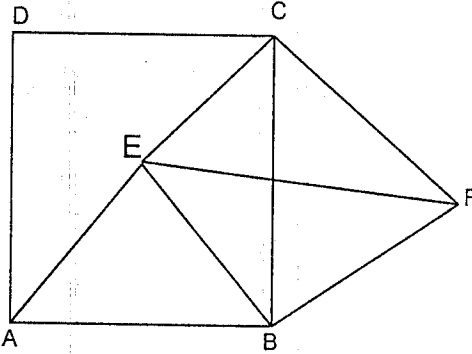
2.



Yukarıdaki düzlemsel şekilde ABC bir eşkenar üçgen, BEDC bir karedir.  $a+b$  kaç derecedir?

- A) 90 B) 100 C) 110 D) 120 E) 130

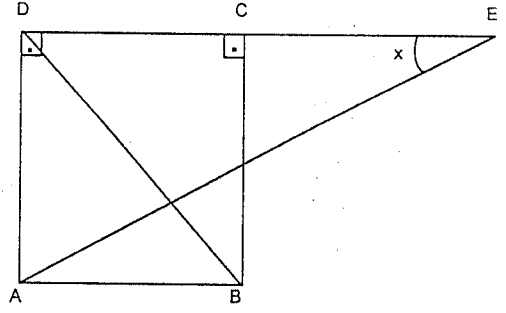
3.



Yukarıdaki şekilde; ABCD kare,  $\triangle ABE$  ve  $\triangle BCF$  birer eşkenar üçgen olduklarına göre,  $\angle CEF$  açısının ölçüsü kaç derecedir?

- A) 22,5 B) 25 C) 27,5 D) 30

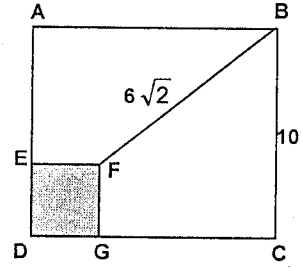
4.



ABCD karesinde  $IDBI = ICEI$  ise  $s(\angle CEA) = x$  kaç derecedir?

- A) 16 B) 18 C) 22,5 D) 24 E) 36

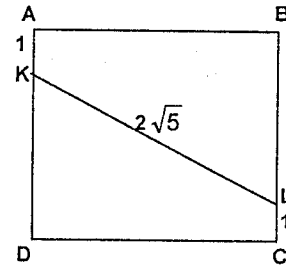
5.



ABCD ve EFGD birer kare,  $IFBI = 6\sqrt{2}$  cm,  $IBCI = 10$  cm  
Yukarıda verilenlere göre, Alan(EFGD) kaç  $cm^2$  dir?

- A) 16 B) 20 C) 25 D) 36 E) 48

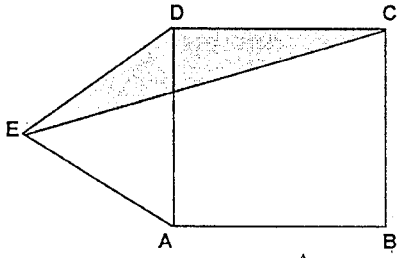
6.



ABCD kare,  $IAKI = ILCI = 1$  cm,  $IKLI = 2\sqrt{5}$  cm  
Yukarıda verilenlere göre, Alan(ABCD) kaç  $cm^2$  dir?

- A) 16 B) 20 C) 24 D) 25 E) 36

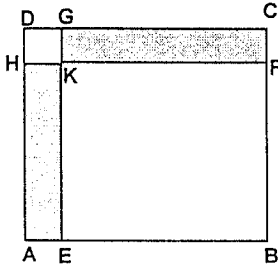
7.



Şekilde ABCD kare ve AED eşkenar üçgendir.  $|AB| = 6$  cm ise,  $A(\triangle DEC)$  kaç  $\text{cm}^2$  dir?

- A) 18 B) 12 C) 9 D) 8 E) 6

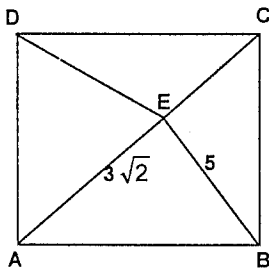
8.



Şekilde ABCD kare,  $[HF] \parallel [AB]$  ve  $[EG] \parallel [BC]$  dir.  $|AE| = 2$  cm,  $|FC| = 3$  cm ve  $A(\triangle EBFK) = 20$   $\text{cm}^2$  ise taralı alanlar toplamı kaç  $\text{cm}^2$  dir?

- A) 23 B) 24 C) 25 D) 26 E) 27

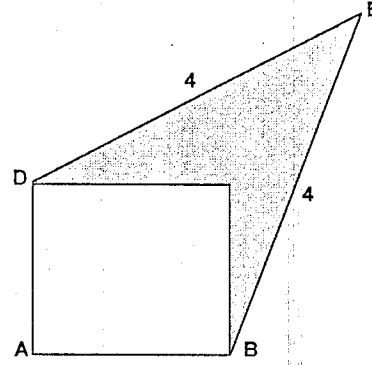
9.



Şekilde ABCD kare,  $[AC]$  köşegen,  $|BE| = 5$  cm,  $|AE| = 3\sqrt{2}$  cm ise,  $A(ABCD)$  kaç  $\text{cm}^2$  dir?

- A) 27 B) 32 C) 40 D) 45 E) 49

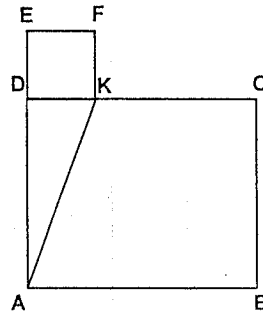
10.



ABCD kare,  $|ED| = |EB| = 4$  birim ve  $m(\widehat{DEB}) = 60$  ise taralı alan kaç  $\text{cm}^2$  dir?

- A)  $2(\sqrt{3} - 1)$  B)  $2(\sqrt{3} + 1)$  C) 4  
D)  $4\sqrt{3}$  E)  $4(\sqrt{3} - 1)$

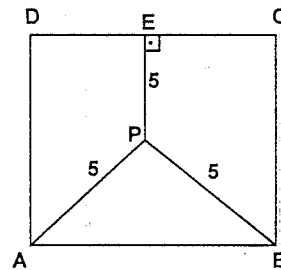
11.



Şekilde  $|AK| = 13$  ise ABCD ve DKFE karelerinin alanları toplamı nedir?

- A) 144 B) 156 C) 169 D) 208 E) 210

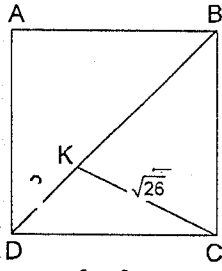
12.



ABCD karesinde  $|PA| = |PB| = |PE| = 5$  br,  $[PE] \perp [DC]$  ise karenin alanı kaç birimkaredir?

- A) 16 B) 36 C) 64 D) 100 E) 125

13.

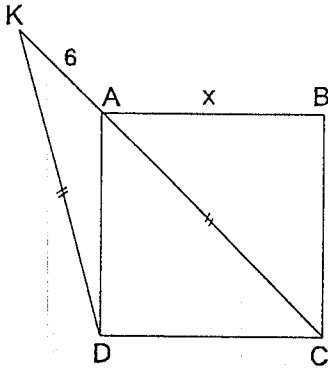


ABCD kare,  $[DB]$  köşegen,  $|KC| = \sqrt{26}$  br  
 $|KD| = 4$  br,

Yukarıda verilenlere göre, ABCD karesinin alanı kaç  $br^2$  dir?

A) 24 B) 28 C) 30 D) 32 E) 50

14.

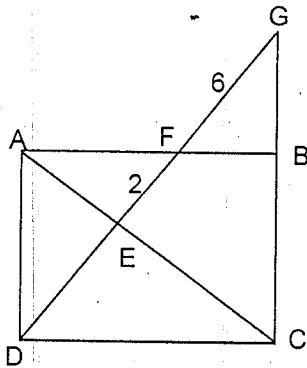


ABCD kare. K, A, C doğrusal,  
 $|KD| = |AC|$ ,  $|AK| = 6$  cm,  $|AB| = x$

Yukarıda verilenlere göre,  $|AB| = x$  kaç cm dir?

A)  $\sqrt{3} + 1$  B)  $2 \cdot (\sqrt{6} + 1)$  C)  $2 \cdot (\sqrt{6} + 2)$   
 D)  $\sqrt{5} + \sqrt{3}$  E)  $3 \cdot (\sqrt{6} + \sqrt{2})$

15.

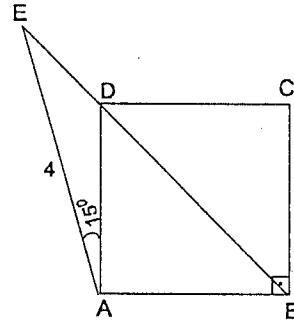


ABCD bir kare, C,B,G ve D,E,F,G doğrusal  
 $[AC]$  köşegen  $|EF| = 2$  cm.  $|GF| = 6$  cm.

Yukarıda verilenlere göre, karenin alanı kaç  $cm^2$  dir?

A)  $\frac{144}{5}$  B)  $\frac{132}{5}$  C)  $\frac{128}{5}$  D)  $\frac{104}{5}$  E)  $\frac{72}{5}$

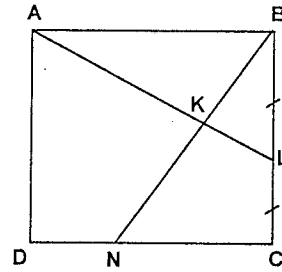
16.



ABCD bir karedir. E, D, B noktaları doğrusal ve  $m(\widehat{EAD}) = 15^\circ$  dir.  $|EA| = 4$  cm olduğuna göre  $A(ABCD)$  kaç  $cm^2$  dir?

A) 8 B) 10 C) 12 D) 15 E) 18

17.

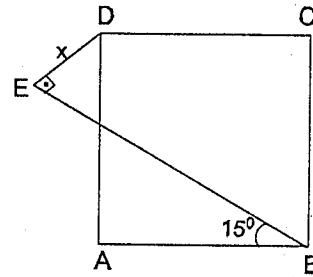


ABCD kare A, K, L ve B, K, N noktaları doğrusal 4.  $IDNI = INCI$ ,  $|BLI| = |ILCI$

Yukarıdaki verilenlere göre,  $\frac{|AKI|}{|IKLI}$  oranı kaçtır?

A)  $\frac{2}{5}$  B)  $\frac{12}{5}$  C)  $\frac{10}{5}$  D)  $\frac{5}{2}$  E)  $\frac{15}{4}$

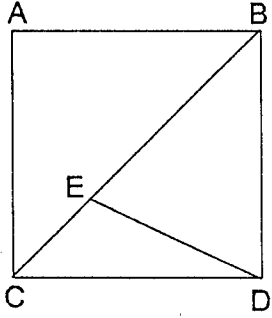
18.



Şekildeki ABCD karedir.  $m(\widehat{EBA}) = 15^\circ$ ,  
 $[DE] \perp [EB]$ ,  $|AB| = \sqrt{2}$  birim ise  $|DE| = x$  kaç birimdir?

A) 1 B)  $\frac{\sqrt{2}}{2}$  C)  $\frac{\sqrt{3}}{3}$  D)  $\frac{3}{2}$  E)  $\sqrt{3}$

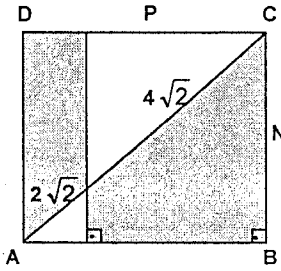
19.



Şekilde ABDC kare,  $|BE| = 4 \cdot |EC|$   
 $|AB| = 5\sqrt{2}$  cm ise  $|ED|$  kaç cm dir?

- A)  $\sqrt{5}$     B)  $4\sqrt{2}$     C)  $\sqrt{34}$   
 D)  $4\sqrt{5}$     E)  $5\sqrt{5}$

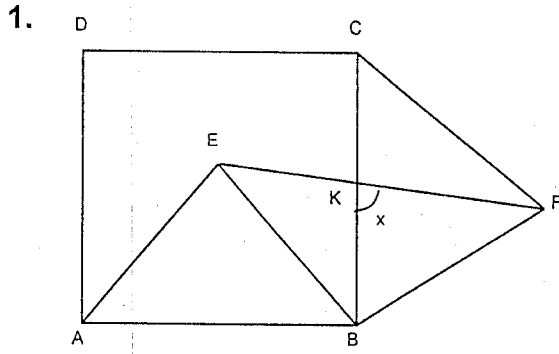
20.



ABCD karesinde verilenlere göre taralı alanlar toplamı kaç  $br^2$  dir?

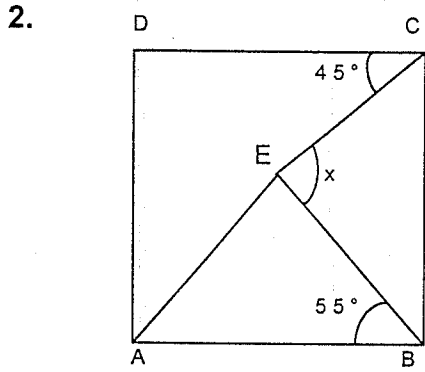
- A) 30    B) 26    C) 24    D) 22    E) 20

Kare Uygulama		Kare Ödev	
1-D	13-E	1-B	13-D
2-D	14-E	2-B	14-D
3-D	15-A	3-C	15-B
4-C	16-A	4-A	16-E
5-A	17-D	5-B	17-C
6-A	18-A	6-B	18-B
7-C	19-C	7-E	19-D
8-A	20-B	8-B	20-E
9-E		9-C	21-C
10-E		10-A	22-A
11-C		11-C	23-B
12-C		12-D	24-A



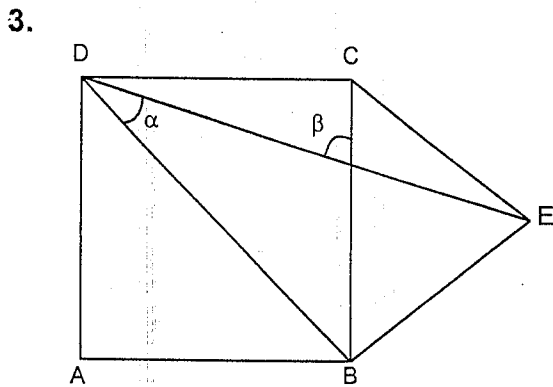
ABCD kare,  $\triangle ABE$  ve  $\triangle BCF$  eşkenar üçgendir. Buna göre  $m(\angle FKB) = x$  kaçtır?

- A) 60 B) 75 C) 90 D) 100



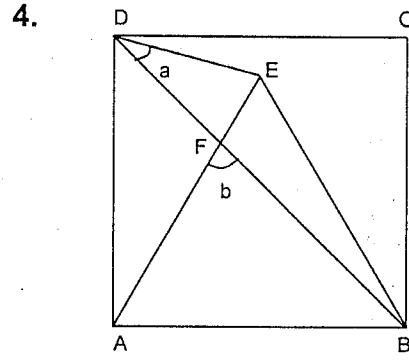
Şekildeki ABCD karesinde  $s(\angle ABE) = 55^\circ$ , ve  $s(\angle DCE) = 45^\circ$  olduğuna göre  $s(\angle BEC) = x$  kaç derecedir?

- A) 95 B) 100 C) 105 D) 110



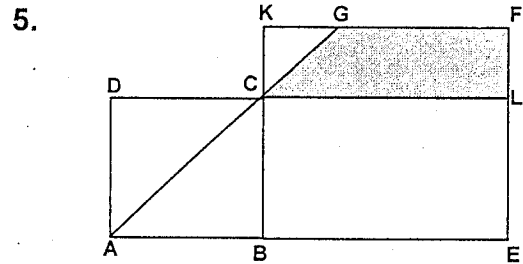
ABCD kare, BEC eşkenar üçgen ise  $\alpha + \beta$  kaç derecedir?

- A) 90 B) 100 C) 105 D) 110



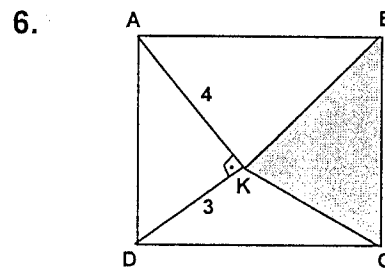
ABCD kare, EAB eşkenar üçgen ise  $(a+b)$  toplamı kaç derecedir?

- A) 105 B) 110 C) 115 D) 135



ABCD ve BEFK birer karedir.  $IAEI = 12$  birim ve  $IFLI = 2$  birim ise, taralı alan kaç birimkaredir?

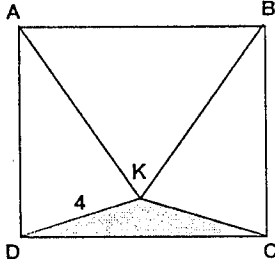
- A) 10 B) 12 C) 14 D) 16 E) 22



ABCD kare, AKD dik üçgen,  $IAKI = 4$  cm,  $IDKI = 3$  cm, Yukarıda verilenlere göre, Alan(BKC) kaç  $cm^2$  dir?

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

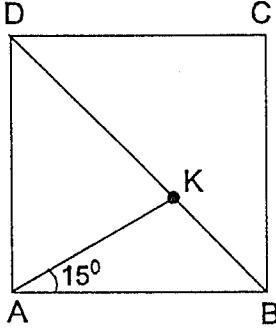
7.



ABCD kare; AKB eşkenar üçgen;  
IDKI = 4 cm,  
Yukarıda verilenlere göre, A(DKC)  
kaç  $\text{cm}^2$  dir?

- A)  $4\sqrt{3} - 4$  B)  $2\sqrt{3} - 1$  C)  $3\sqrt{3} - 3$   
D)  $2\sqrt{3}$  E) 4

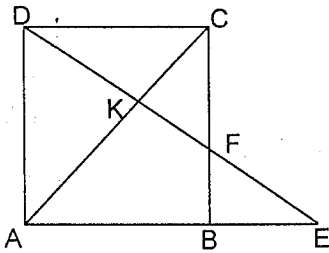
8.



ABCD kare,  $m(\widehat{KAB}) = 15^\circ$  ve  $|AK| = 2\sqrt{3}$  cm  
ise  $|BD|$  kaç birimdir?

- A)  $6\sqrt{3}$  B) 6 C)  $6\sqrt{2}$  D) 8 E) 9

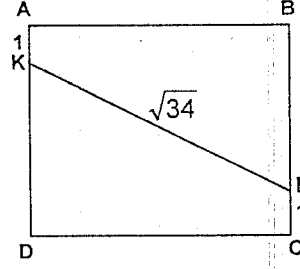
9.



ABCD bir kare, A,B,E bir doğrusal  
 $\frac{|DC|}{|CF|} = \frac{5}{2}$  Yukarıdaki verilere göre,  
 $\frac{|KF|}{|FE|}$  oranı kaçtır?

- A)  $\frac{7}{4}$  B)  $\frac{3}{14}$  C)  $\frac{4}{21}$  D)  $\frac{5}{21}$  E)  $\frac{3}{28}$

10.

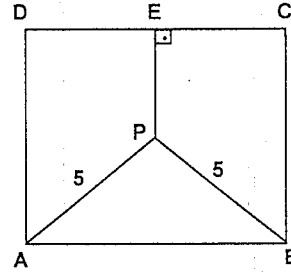


ABCD kare,  $|AK| = |LC| = 1$  cm,  
 $|KL| = \sqrt{34}$  cm

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

- A) 25 B) 26 C) 28 D) 30 E) 49

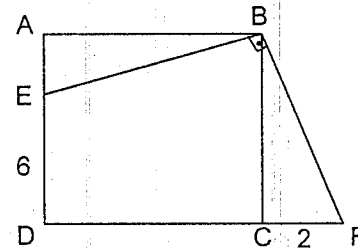
11.



ABCD karesinde;  
 $|PA| = |PB| = |PE| = 5$  br,  $[PE] \perp [DC]$   
Karenin bir kenarı kaç br'dir?

- A) 4 B) 6 C) 8 D) 10 E) 12

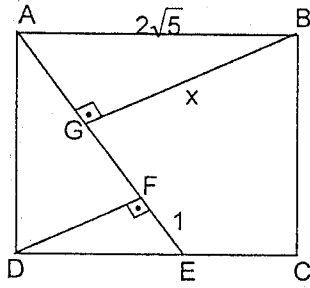
12.



ABCD bir kare, D,C,F doğrusal  $[AC] \perp [BF]$   
 $|EB| = 2$  br.  $|ED| = 6$  br.  
Yukarıda verilenlere göre, karenin alanı  
kaç  $\text{br}^2$  dir?

- A) 48 B) 52 C) 60 D) 64 E) 72

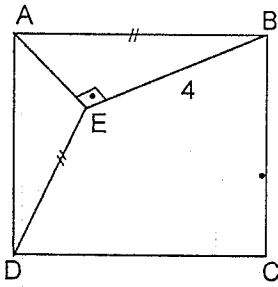
13.



ABCD bir kare, A,G,F,E doğrusal  $[DF] \perp [AE]$   
 $[BG] \perp [AE]$ ,  $|AB| = 2\sqrt{5}$  br.  $|FE| = 1$  br.  $|BG| = x$   
 Yukarıda verilenlere göre,  $|BG| = x$  kaç  
 br.dir?

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

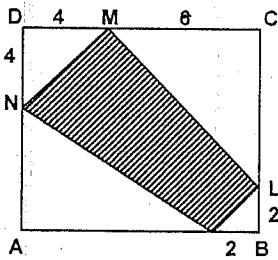
14.



ABCD bir kare,  $|EB| = 4$  cm,  $m(\angle AEB) = 90^\circ$ ,  
 $|AE| = |ED|$  ise  $A(ABCD)$  kaç  $\text{cm}^2$  dir?

- A) 16 B) 36 C) 70 D) 80 E) 92

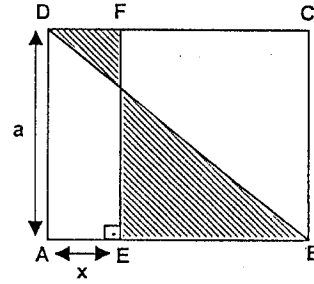
15.



ABCD bir kare,  $|KB| = |LB| = 2$  cm,  
 $|DM| = |DN| = 4$  cm,  $|MC| = 6$  cm  
 Yukarıdaki verilere göre, KLMN dört-  
 geninin alanı kaç  $\text{cm}^2$  dir?

- A) 36 B) 42 C) 48 D) 58 E) 62

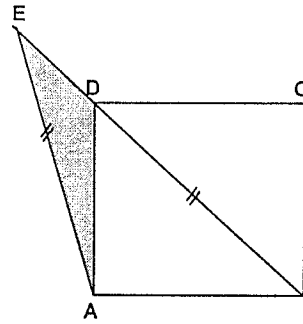
16.



Şekilde ABCD karedir. Taralı alan aşağı-  
 gıdakilerden hangisidir?

- A)  $x^2 + ax + x^2$  B)  $2x^2 - ax + \frac{a^2}{2}$   
 C)  $x^2 + 2ax + \frac{a^2}{2}$  D)  $2x^2 + 2ax - a^2$   
 E)  $x^2 - ax + \frac{a^2}{2}$

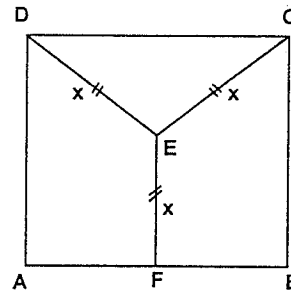
17.



B, D, E doğrusal, ABCD bir kare,  
 $|AE| = |BD| = 4$  cm. Verilenlere göre,  
 $(ADE)$  nin alanı kaç  $\text{cm}^2$  dir?

- A)  $4(\sqrt{3} - 1)$  B)  $4\sqrt{3}$  C)  $2(\sqrt{3} - 1)$   
 D)  $8\sqrt{3}$  E) 16

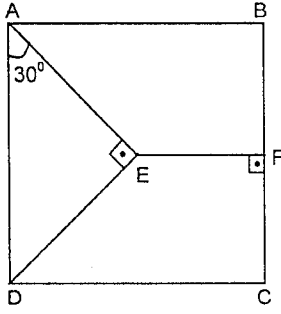
18.



ABCD bir kare  $|DC| = 8$  br,  
 $|FE| = |EC| = |ED|$  ise  $x$  kaç birimdir?

- A) 3 B) 5 C) 6 D) 7 E) 7,5

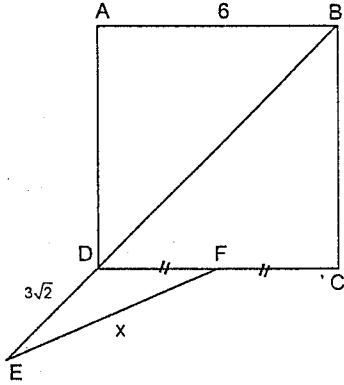
19.



ABCD kare,  $|AB|=8$  cm ise,  $|EF|$  kaçtır?

- A)  $2\sqrt{3}$  B)  $4\sqrt{3}$  C)  $6-2\sqrt{3}$   
D)  $8-2\sqrt{3}$  E)  $8-\sqrt{3}$

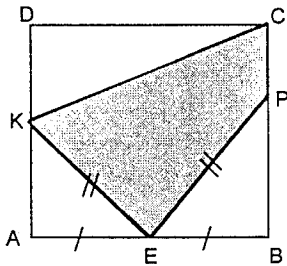
20.



ABCD kare, B, D, E doğrusal  
 $|ED|=3\sqrt{2}$  br,  $|AB|=6$  br ise  $|EF|=x$  uzunluğu kaç br dir?

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

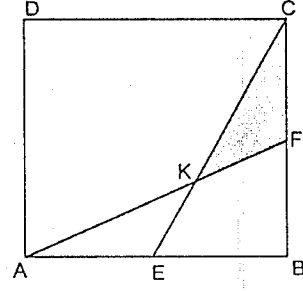
21.



ABCD kare,  $|AE|=|EB|$ ,  $|EK|=|EP|$  ve  $A(ABCD)=36$  cm<sup>2</sup> ise, taralı alan kaç cm<sup>2</sup> dir?

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

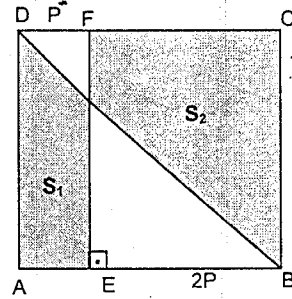
22.



Şekilde ABCD karesinde, E ve F orta noktalarıdır.  $A(KFC) = 5$  cm<sup>2</sup> ise,  $A(ABCD)$  kaç cm<sup>2</sup> dir?

- A) 60 B) 50 C) 40 D) 30 E) 20

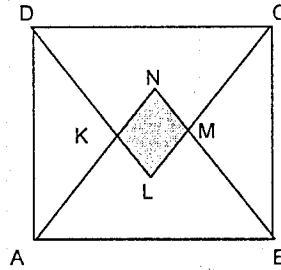
23.



ABCD kare verilenlere göre;  $\frac{S_1}{S_2}$  oranı nedir?

- A)  $\frac{4}{5}$  B)  $\frac{5}{8}$  C)  $\frac{3}{4}$  D)  $\frac{4}{3}$  E)  $\frac{5}{4}$

24.



Şekilde ABCD kare,  $\triangle ABN$  ve  $\triangle DLC$  eşkenar üçgendir.

$\frac{A(KLMN)}{A(ABCD)}$  oranı kaçtır?

- A)  $\frac{2\sqrt{3}-3}{3}$  B)  $2\sqrt{3}-3$  C)  $\frac{2\sqrt{3}+3}{3}$   
D)  $\frac{\sqrt{3}+3}{3}$  E)  $\frac{\sqrt{3}+1}{3}$