

3.  
BÖLÜM

# Özel Dörtgenler (Kare)

**TEMEL TEST - 1**  
(Karede Açı)

**TEMEL TEST - 2**  
(Karede Uzunluk)

**TEMEL TEST - 3**  
(Karede Alan)

**KONU TARAMA TESTİ - 1**

**KONU TARAMA TESTİ - 2**

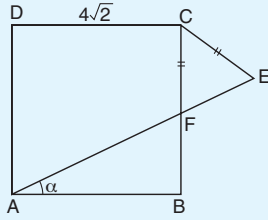
**KONU TARAMA TESTİ - 3**

**KONU TARAMA TESTİ - 4**

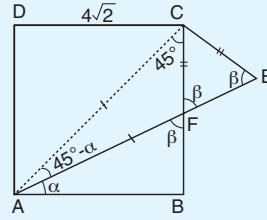
ÖSS – ÖYS Soruları

**Temel Test 1**

Karede Açı

**Kare****Çözümlü Örnek**

ABCD bir kare  
 $ICFI = ICEI$   
 $IDCI = 4\sqrt{2}$  cm  
 $IAEI = 8$  cm  
 $m(\widehat{BAE}) = \alpha$  kaç derecedir?

**Çözüm**

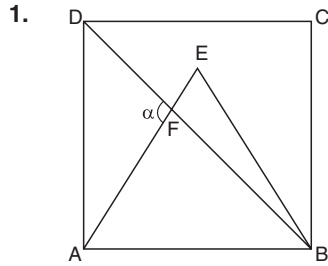
[AC] köşegeni çizilirse  
 $m(\widehat{ACB}) = 45^\circ$  ve  
 $m(\widehat{AFB}) = m(\widehat{CFE}) = \beta$   
 CFE ikizkenar üçgen

$m(\widehat{F}) = m(\widehat{E}) = \beta$  ve  $IACI = 4\sqrt{2} \cdot \sqrt{2} = 8$  cm olur. Buradan  $IACI = IAEI = 8$  cm olur ki ACE üçgenide ikizkenar olur.

$m(\widehat{ACE}) = m(\widehat{AEC}) = \beta$  dan

$2\beta + 45 - \alpha = 180^\circ$  ve  $\alpha + \beta = 90^\circ$  den

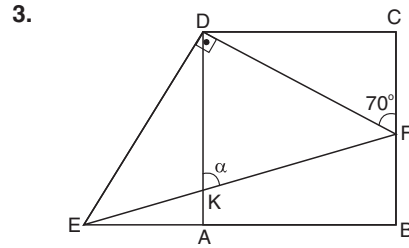
$\alpha = 15^\circ$  bulunur.



ABCD kare  
 ABE eşkenar üçgen  
 [BD] köşegen  
 $m(\widehat{AFD}) = \alpha$

Yukarıdaki verilere göre,  $m(\widehat{AFD}) = \alpha$  kaç derecedir?

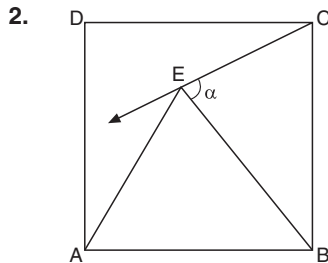
- A) 90 B) 95 C) 100 D) 105 E) 110



ABCD kare  
 $[DE] \perp [DF]$   
 $m(\widehat{DFC}) = 70^\circ$   
 $m(\widehat{DKF}) = \alpha$

Yukarıdaki verilere göre,  $m(\widehat{DKF}) = \alpha$  kaç derecedir?

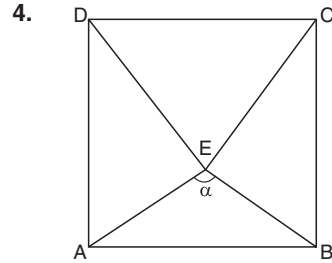
- A) 65 B) 70 C) 75 D) 80 E) 85



ABCD kare  
 ABE eşkenar üçgen  
 $m(\widehat{BEC}) = \alpha$

Yukarıdaki verilere göre,  $m(\widehat{BEC}) = \alpha$  kaç derecedir?

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



ABCD kare  
 CED eşkenar üçgen  
 $m(\widehat{BEA}) = \alpha$

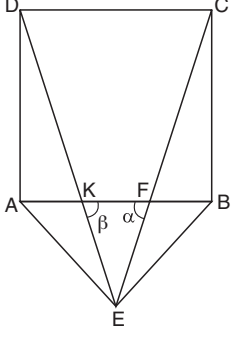
Yukarıdaki verilere göre,  $m(\widehat{BEA}) = \alpha$  kaç derecedir?

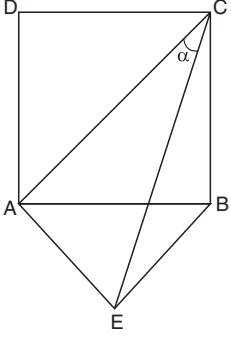
- A) 160 B) 150 C) 140 D) 130 E) 120

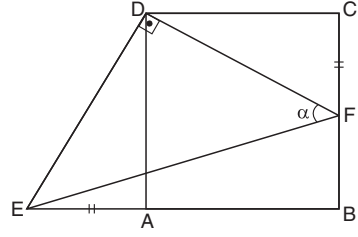
## Temel Test 1

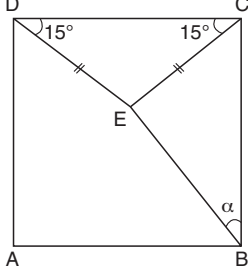
Karede Açı

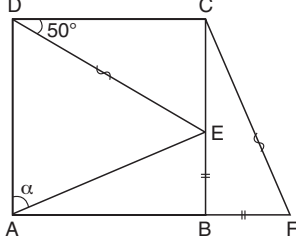
Kare

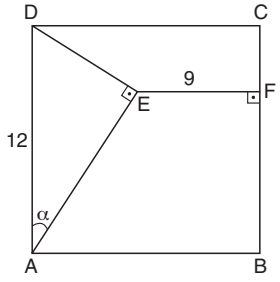
5.  ABCD kare  
ABE eşkenar üçgen  
 $m(\widehat{AFE}) = \alpha$   
 $m(\widehat{BKE}) = \beta$
- Yukarıdaki verilere göre,  $\alpha + \beta$  toplamı kaç derecedir?**
- A) 160 B) 150 C) 140 D) 130 E) 120

6.  ABCD kare  
ABE eşkenar üçgen  
 $m(\widehat{ACE}) = \alpha$
- Yukarıdaki verilere göre,  $m(\widehat{ACE}) = \alpha$  kaç derecedir?**
- A) 40 B) 35 C) 30 D) 25 E) 20

7.  ABCD kare  
E, A, B doğrusal,  $|EA| = |CF|$ ,  $m(\widehat{DFE}) = \alpha$
- Yukarıdaki verilere göre,  $m(\widehat{DFE}) = \alpha$  kaç derecedir?**
- A) 25 B) 30 C) 35 D) 40 E) 45

8.  ABCD bir kare  
 $m(\widehat{EDC}) = 15^\circ$   
 $m(\widehat{ECD}) = 15^\circ$   
 $m(\widehat{EBC}) = \alpha$
- Yukarıdaki verilere göre,  $m(\widehat{EBC}) = \alpha$  kaç derecedir?**
- A) 20 B) 25 C) 30 D) 35 E) 40

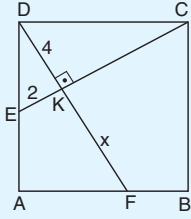
9.  ABCD bir kare  
A, B, F doğrusal  
 $|DE| = |CF|$   
 $|EB| = |BF|$   
 $m(\widehat{CDE}) = 50^\circ$   
 $m(\widehat{DAE}) = \alpha$
- Yukarıdaki verilere göre,  $m(\widehat{DAE}) = \alpha$  kaç derecedir?**
- A) 30 B) 35 C) 36 D) 40 E) 50

10.  ABCD bir kare  
 $DE \perp EA$   
 $EF \perp CB$   
 $|DA| = 12 \text{ cm}$   
 $|IE| = 9 \text{ cm}$   
 $m(\widehat{DAE}) = \alpha$
- Yukarıdaki verilere göre,  $m(\widehat{DAE}) = \alpha$  kaç derece olabilir?**
- A) 15 B) 20 C) 25 D) 30 E) 35

1. D 2. C 3. A 4. B 5. B 6. C 7. E 8. C 9. D 10. A

**Temel Test 2**

Karede Uzunluk

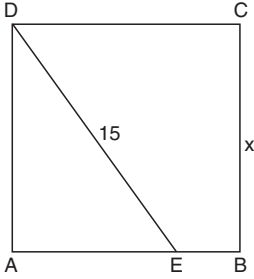
**Kare****Çözümlü Örnek**

ABCD bir kare  
 $[CE] \perp [DF]$   
 $[CE] \cap [DF] = \{K\}$   
 $|EK| = 2 \text{ cm}$   
 $|DK| = 4 \text{ cm}$   
 $|KF| = x$  kaç cm dir?

**Çözüm**

DEC üçgeninde öklid bağıntısı  
 $4^2 = 2 \cdot |KC|$  ise  $|KC| = 8 \text{ cm}$  olur.  
Açıları gerekli adlandırmaları yaptığımızda  
DCE ile ADF eş üçgenler olup  
 $|CE| = |DF|$  yazılır. Yani  
 $4 + x = 2 + 8$   
 $x = 6$  bulunur.

1.

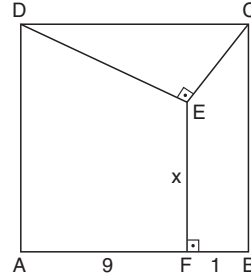


ABCD bir kare  
 $|AE| = 3 \cdot |EB|$   
 $|DE| = 15 \text{ cm}$   
 $|BC| = x$

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

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

3.

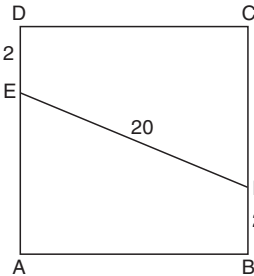


ABCD bir kare  
 $DE \perp EC$   
 $EF \perp AB$   
 $|AF| = 9 \text{ cm}$   
 $|FB| = 1 \text{ cm}$   
 $|EF| = x$

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

- A) 7 B) 6 C) 5 D) 4 E) 3

2.

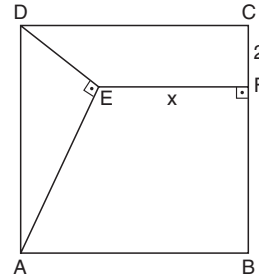


ABCD bir kare  
 $|DE| = |BF| = 2 \text{ cm}$   
 $|EF| = 20 \text{ cm}$

Yukarıdaki verilere göre, ABCD karesinin çevresi kaç cm dir?

- A) 72 B) 64 C) 60 D) 54 E) 48

4.



ABCD bir kare  
 $DE \perp EA$   
 $EF \perp CB$   
 $|EA| = 2 |DE|$   
 $|CF| = 2 \text{ cm}$   
 $|EF| = x$

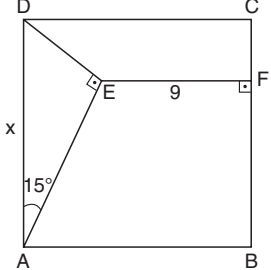
Yukarıdaki verilere göre,  $|EF| = x$  kaç cm dir?

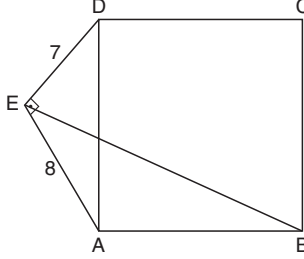
- A) 8 B) 7 C) 6 D) 5 E) 4

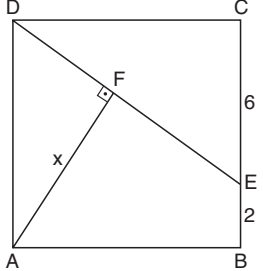
## Temel Test 2

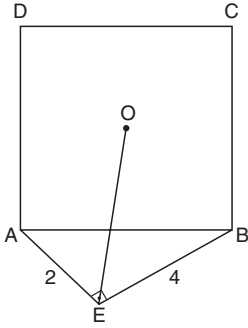
Karede Uzunluk

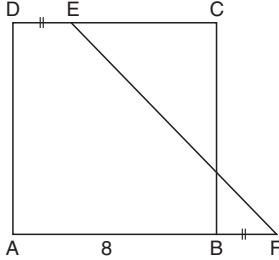
Kare

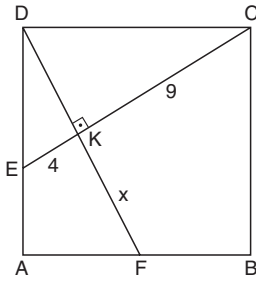
5.  ABCD bir kare  
 $DE \perp EA$   
 $EF \perp CB$   
 $m(\widehat{DAE}) = 15^\circ$   
 $|EF| = 9 \text{ cm}$   
 $|AD| = x$
- Yukarıdaki verilere göre,  $|AD| = x$  kaç cm dir?
- A)  $9\sqrt{2}$  B) 10 C) 11 D) 12 E) 15

8.  ABCD bir kare  
 $DE \perp EA$   
 $|DE| = 7 \text{ cm}$   
 $|EA| = 8 \text{ cm}$
- Yukarıdaki verilere göre,  $|EB|$  uzunluğu kaç cm dir?
- A) 13 B) 14 C) 15 D) 16 E) 17

6.  ABCD bir kare  
 $|CE| = 6 \text{ cm}$   
 $|EB| = 2 \text{ cm}$   
 $[AF] \perp [DE]$   
 $|AF| = x$
- Yukarıdaki verilere göre,  $|AF| = x$  kaç cm dir?
- A) 6,4 B) 6 C) 5,4 D) 4,8 E) 3,2

9.  ABCD bir kare  
 $AE \perp EB$   
 $|AE| = 2 \text{ cm}$   
 $|EB| = 4 \text{ cm}$
- Şekildeki ABCD karesinin ağırlık merkezi O noktası olduğuna göre,  $|OE|$  uzunluğu kaç cm dir?
- A)  $4\sqrt{2}$  B)  $3\sqrt{2}$  C) 3 D) 4 E)  $2\sqrt{2}$

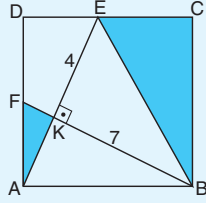
7.  ABCD bir kare  
 $|DE| = |BF|$   
 $|AB| = 8 \text{ cm}$
- Yukarıdaki verilere göre,  $|EF|$  uzunluğu kaç cm dir?
- A)  $6\sqrt{2}$  B)  $7\sqrt{2}$  C) 8 D) 10 E)  $8\sqrt{2}$

10.  ABCD bir kare  
 $[DF] \perp [EC]$   
 $[DF] \cap [EC] = \{K\}$   
 $|EK| = 4 \text{ cm}$   
 $|KC| = 9 \text{ cm}$   
 $|KF| = x$
- Yukarıdaki verilere göre,  $|KF| = x$  kaç cm dir?
- A) 4 B) 5 C) 6 D) 7 E) 8

1. A 2. B 3. A 4. C 5. D 6. A 7. E 8. E 9. B 10. D

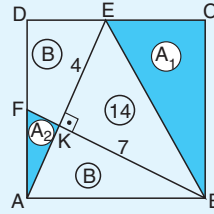
**Temel Test 3**

Karede Alan

**Kare****Çözümlü Örnek**

ABCD bir kare  
 $[AE] \cap [BF] = \{K\}$   
 $|KE| = 4$  cm  
 $|KB| = 7$  cm

Şekildeki karede taralı alanlar toplamı kaç  $\text{cm}^2$  dir?

**Çözüm**

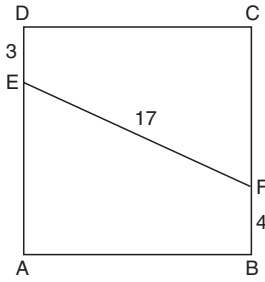
ADE ile BAF eş üçgenler olduğundan alanları da eşittir.

$$\text{Alan}(ABE) = 14 + B = \frac{\text{Alan}(ABCD)}{2}$$

$$28 + 2B = \text{Alan}(ABCD) = A_1 + A_2 + 2B + 14$$

$$14 = A_1 + A_2 \text{ bulunur.}$$

1.

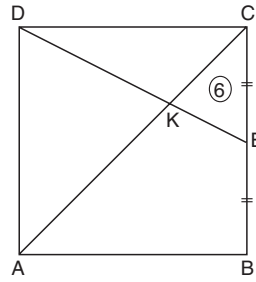


ABCD bir kare  
 $|DE| = 3$  cm  
 $|FB| = 4$  cm  
 $|EF| = 17$  cm

Yukarıdaki verilere göre, ABCD karesinin alanı kaç  $\text{cm}^2$  dir?

- A) 120 B) 144 C) 180 D) 200 E) 225

3.

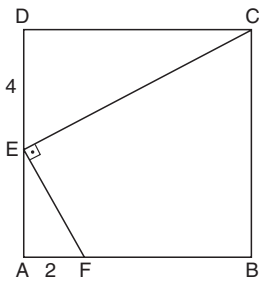


ABCD bir kare  
 $|CE| = |EB|$   
 $\text{Alan}(CEK) = 6 \text{ cm}^2$

Yukarıdaki verilere göre, ABCD karesinin alanı kaç  $\text{cm}^2$  dir?

- A) 48 B) 54 C) 60 D) 64 E) 72

2.

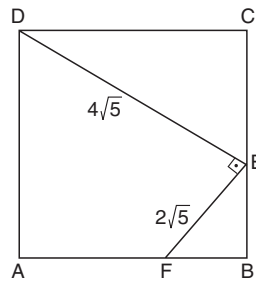


ABCD bir kare  
 $CE \perp EF$   
 $|DE| = 4$  cm  
 $|AF| = 2$  cm

Yukarıdaki verilere göre, ABCD karesinin alanı kaç  $\text{cm}^2$  dir?

- A) 48 B) 54 C) 60 D) 64 E) 72

4.



ABCD bir kare  
 $DE \perp EF$   
 $|DE| = 4\sqrt{5}$  cm  
 $|EF| = 2\sqrt{5}$  cm

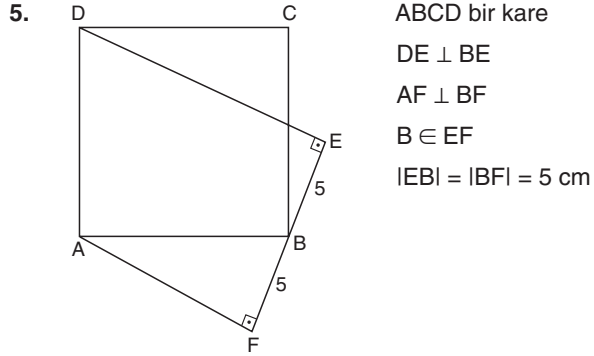
Yukarıdaki verilere göre, ABCD karesinin alanı kaç  $\text{cm}^2$  dir?

- A) 64 B) 60 C) 54 D) 48 E) 36

### Temel Test 3

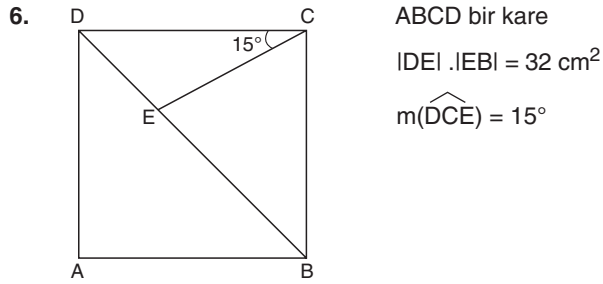
Karede Alan

Kare



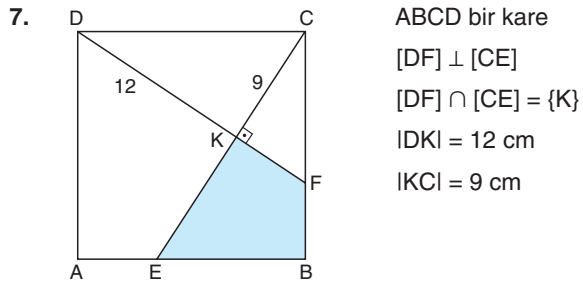
Yukarıdaki verilere göre, ABCD karesinin alanı kaç  $\text{cm}^2$  dir?

- A) 144 B) 125 C) 100 D) 81 E) 60



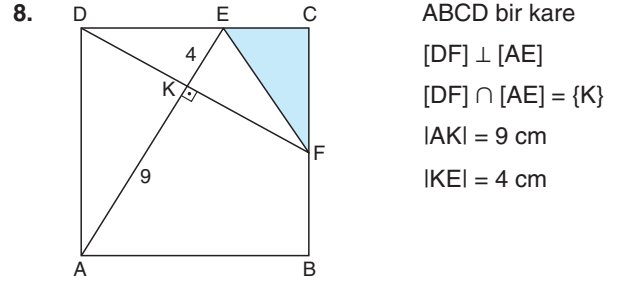
Yukarıdaki verilere göre, ABCD karesinin alanı kaç  $\text{cm}^2$  dir?

- A) 108 B) 96 C) 80 D) 72 E) 64



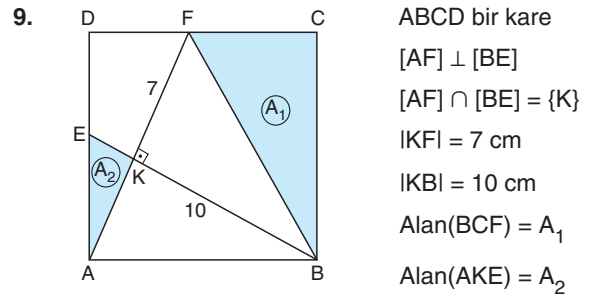
Yukarıdaki verilere göre, EBFK dörtgeninin alanı kaç  $\text{cm}^2$  dir?

- A) 42 B) 48 C) 54 D) 60 E) 72



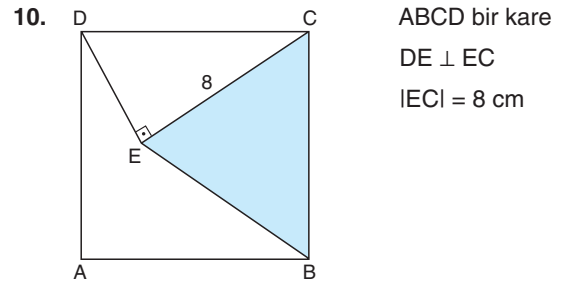
Yukarıdaki verilere göre, Alan(FEC) kaç  $\text{cm}^2$  dir?

- A) 18 B) 16 C) 15 D) 13 E) 12



Yukarıdaki verilere göre,  $A_1 + A_2$  toplamı kaç  $\text{cm}^2$  dir?

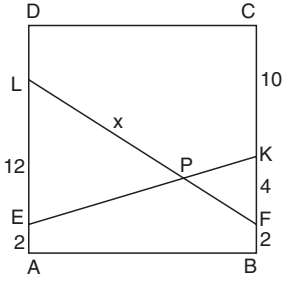
- A) 35 B) 40 C) 42 D) 48 E) 56



Yukarıdaki verilere göre, BEC üçgeninin alanı kaç  $\text{cm}^2$  dir?

- A) 20 B) 24 C) 28 D) 30 E) 32

1.

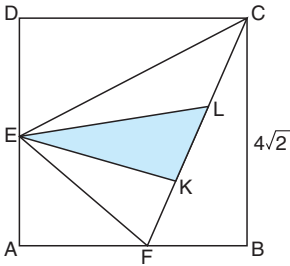


ABCD bir kare  
 $[EK] \cap [LF] = \{P\}$   
 $|LE| = 12$  cm  
 $|EA| = |FB| = 2$  cm  
 $|KF| = 4$  cm  
 $|CK| = 10$  cm  
 $|LP| = x$

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

- A) 16 B) 15 C) 14 D) 12 E) 10

2.

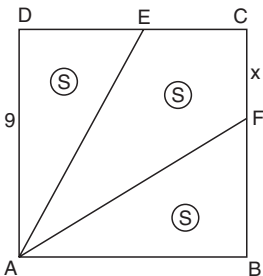


ABCD bir kare  
 E ve F orta nokta  
 $|BC| = 4\sqrt{2}$  cm  
 $|FK| = |KL| = |LC|$

Yukarıdaki verilere göre, Alan(KEL) kaç  $cm^2$  dir?

- A) 4 B) 5 C) 6 D) 8 E) 10

3.



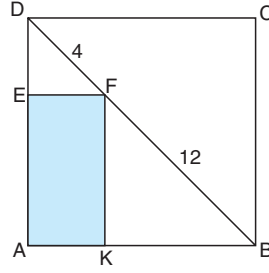
ABCD bir kare  
 $|AD| = 9$  cm  
 $|CF| = x$

ABCD karesinin alanı üç eşit alana ayrılmıştır.

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

- A) 1 B) 2 C) 3 D) 4 E) 5

4.

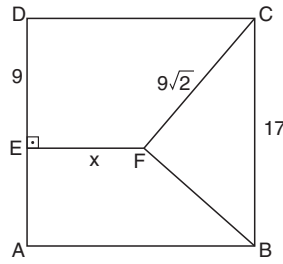


ABCD bir kare  
 AKFE dikdörtgen  
 $[BD]$  köşegen  
 $|DF| = 4$  cm  
 $|FB| = 12$  cm

Yukarıdaki verilere göre, Alan(AKFE) kaç  $cm^2$  dir?

- A) 16 B) 18 C) 20 D) 24 E) 28

5.

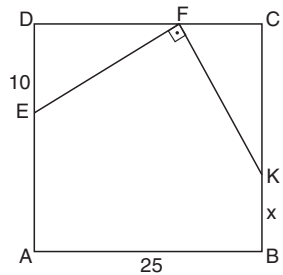


ABCD bir kare  
 $[FE] \perp [AD]$   
 $|FC| = 9\sqrt{2}$  cm  
 $|BC| = 17$  cm  
 $|DE| = 9$  cm  
 $|FE| = x$

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

- A) 15 B) 14 C) 12 D) 10 E) 8

6.



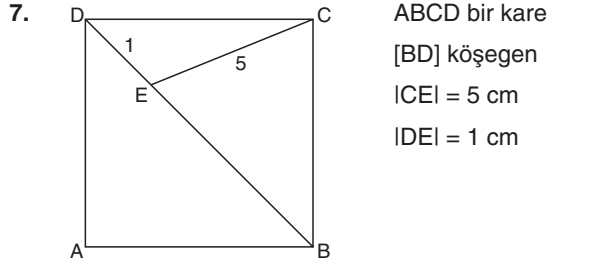
ABCD bir kare  
 $|AB| = 25$  cm  
 $|DE| = 2|FC| = 10$  cm  
 $|BK| = x$

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

- A) 16 B) 15 C) 12 D) 10 E) 8

Konu Tarama Testi 1

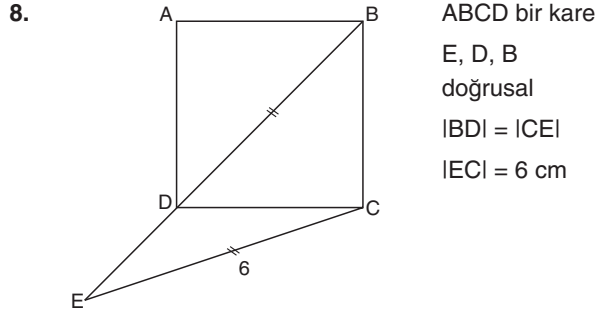
Kare



ABCD bir kare  
[BD] köşegen  
 $|CE| = 5$  cm  
 $|DE| = 1$  cm

Yukarıdaki verilere göre, karenin alanı kaç  $\text{cm}^2$  dir?

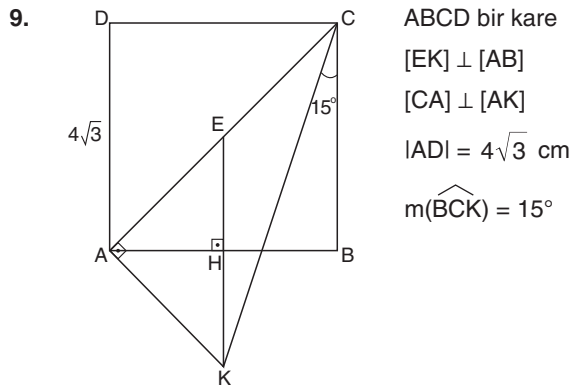
- A) 24 B) 28 C) 32 D) 36 E) 40



ABCD bir kare  
E, D, B  
doğrusal  
 $|BD| = |CE|$   
 $|CE| = 6$  cm

Yukarıdaki verilere göre, ABCD karesinin alanı kaç  $\text{cm}^2$  dir?

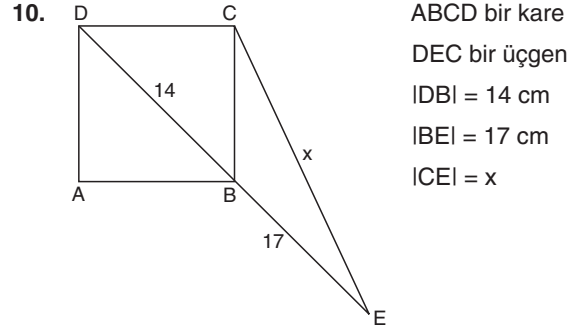
- A) 18 B) 20 C) 24 D) 28 E) 32



ABCD bir kare  
 $[EK] \perp [AB]$   
 $[CA] \perp [AK]$   
 $|AD| = 4\sqrt{3}$  cm  
 $m(\widehat{BCK}) = 15^\circ$

Yukarıdaki verilere göre,  $|EK|$  kaç cm dir?

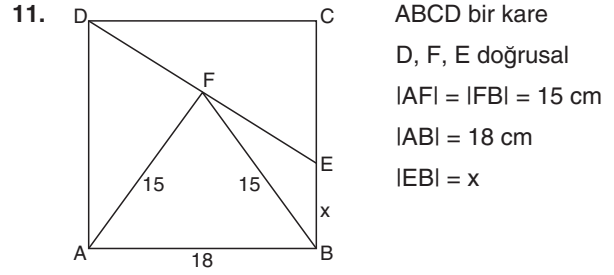
- A)  $6\sqrt{2}$  B)  $2\sqrt{6}$  C) 6 D) 7 E) 8



ABCD bir kare  
DEC bir üçgen  
 $|DB| = 14$  cm  
 $|BE| = 17$  cm  
 $|CE| = x$

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

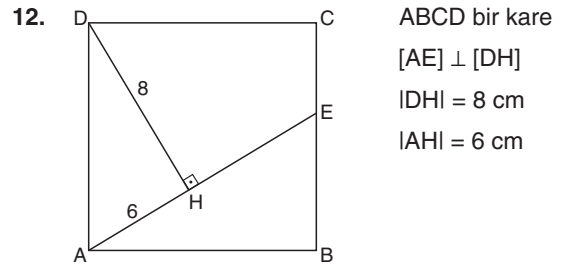
- A) 27 B) 25 C) 24 D) 23 E) 20



ABCD bir kare  
D, F, E doğrusal  
 $|AF| = |BF| = 15$  cm  
 $|AB| = 18$  cm  
 $|EB| = x$

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

- A) 6 B) 5 C) 4 D) 3 E) 2



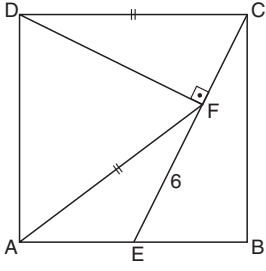
ABCD bir kare  
 $[AE] \perp [DH]$   
 $|DH| = 8$  cm  
 $|AH| = 6$  cm

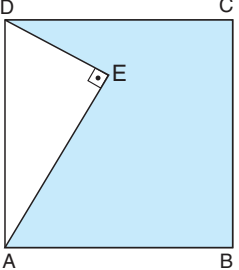
Yukarıdaki verilere göre,  $\frac{|BE|}{|CE|}$  oranı kaçtır?

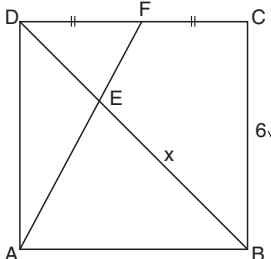
- A) 2 B)  $\frac{5}{2}$  C) 3 D)  $\frac{3}{2}$  E) 4

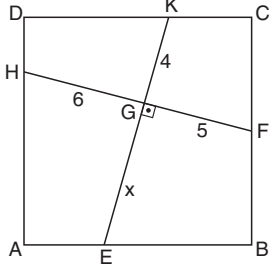
**Konu Tarama Testi 2**

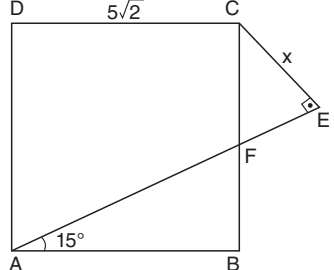
**Kare**

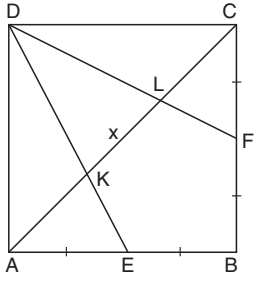
1.  ABCD bir kare  
 $[DF] \perp [CE]$   
 $|DC| = |AF|$   
 $|EF| = 6 \text{ cm}$
- Yukarıdaki verilere göre, ABCD karesinin alanı kaç  $\text{cm}^2$  dir?**
- A) 60 B) 64 C) 72 D) 80 E) 100

2.  ABCD bir kare  
 $[DE] \perp [AE]$   
 $\text{Çevre}(ABCD) = 40 \text{ cm}$   
 $\text{Çevre}(ADE) = 22 \text{ cm}$
- Yukarıdaki verilere göre, taralı ABCDE alanı kaç  $\text{cm}^2$  dir?**
- A) 92 B) 89 C) 82 D) 79 E) 72

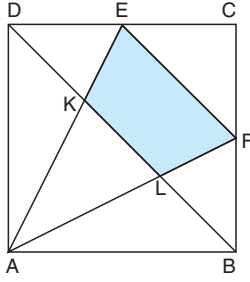
3.  ABCD bir kare  
 $|DF| = |FC|$   
 $|BC| = 6\sqrt{2} \text{ cm}$   
 $|BE| = x$
- Yukarıdaki verilere göre,  $|BE| = x$  kaç cm dir?**
- A) 6 B) 7 C) 8 D) 9 E) 10

4.  ABCD bir kare  
 $[HF] \perp [KE]$   
 $|HG| = 6 \text{ cm}$   
 $|GF| = 5 \text{ cm}$   
 $|KG| = 4 \text{ cm}$   
 $|EG| = x$
- Yukarıdaki verilere göre,  $|EG| = x$  kaç cm dir?**
- A) 7 B) 6 C) 5 D) 4 E) 3

5.  ABCD bir kare  
 $[AE] \perp [CE]$   
 $m(\widehat{BAE}) = 15^\circ$   
 $|DC| = 5\sqrt{2} \text{ cm}$   
 $|CE| = x$
- Yukarıdaki verilere göre,  $|CE| = x$  kaç cm dir?**
- A)  $3\sqrt{2}$  B)  $2\sqrt{3}$  C) 3 D) 4 E) 5

6.  ABCD bir kare  
 $[AC]$  köşegen  
 $D, L, F$  ve  $D, K, E$  doğrusal  
 $|AE| = |EB|$   
 $|CF| = |FB|$   
 $\text{Alan}(ABCD) = 36 \text{ cm}^2$   
 $|KL| = x$
- Yukarıdaki verilere göre,  $|KL| = x$  kaç cm dir?**
- A)  $2\sqrt{2}$  B) 3 C)  $3\sqrt{2}$  D) 4 E)  $4\sqrt{2}$

7.

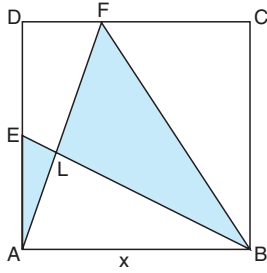


ABCD bir kare  
E ve F buldukları kenarların orta noktalarıdır.  
 $\text{Alan}(EFLK) = 15 \text{ cm}^2$

Yukarıdaki verilere göre, ABCD karesinin alanı kaç  $\text{cm}^2$  dir?

- A) 48 B) 54 C) 60 D) 72 E) 80

8.

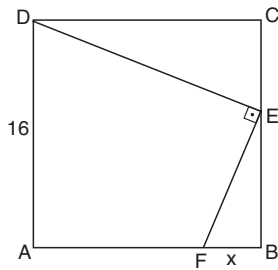


ABCD bir kare  
 $|AE| = |DE|$   
 $\text{Alan}(ELA) = 10 \text{ cm}^2$   
 $\text{Alan}(FBL) = 46 \text{ cm}^2$   
 $|AB| = x$

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

- A)  $4\sqrt{5}$  B) 12 C) 8 D) 6 E)  $2\sqrt{5}$

9.

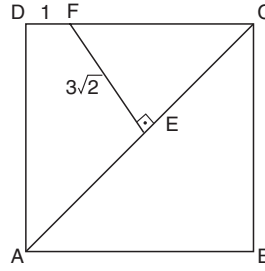


ABCD bir kare  
 $[DE] \perp [EF]$   
 $|BE| = 3|EC|$   
 $|AD| = 16 \text{ cm}$   
 $|FB| = x$

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

- A)  $\frac{10}{3}$  B)  $\frac{8}{3}$  C) 2 D) 3 E) 4

10.

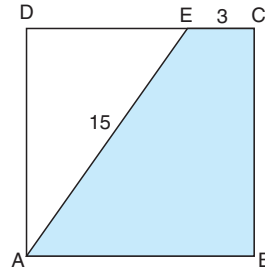


ABCD bir kare  
 $[FE] \perp [AC]$   
 $|FE| = 3\sqrt{2} \text{ cm}$   
 $|DF| = 1 \text{ cm}$

Yukarıdaki verilere göre, ABCD karesinin alanı kaç  $\text{cm}^2$  dir?

- A) 49 B) 64 C) 81 D) 100 E) 121

11.

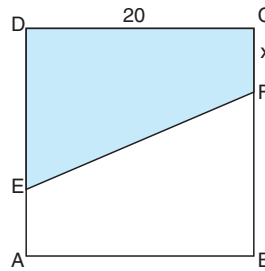


ABCD bir kare  
 $|EC| = 3 \text{ cm}$   
 $|AE| = 15 \text{ cm}$

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

- A) 114 B) 90 C) 84 D) 80 E) 72

12.

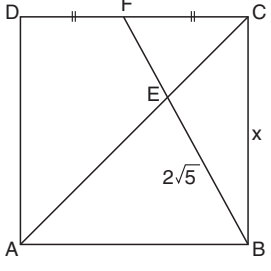


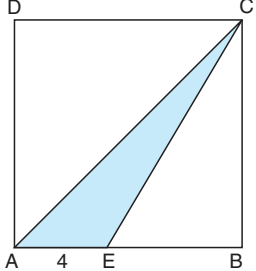
ABCD bir kare  
 $|CD| = 20 \text{ cm}$   
 $|DE| = 4|AE|$   
 $|CF| = x$

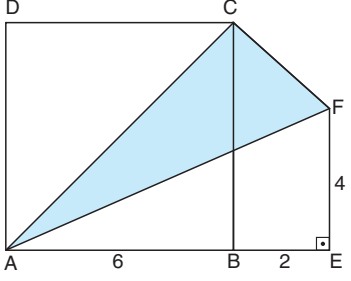
Yukarıdaki verilere göre,  $\frac{\text{Alan}(DEFC)}{\text{Alan}(ABFE)} = \frac{9}{11}$  ise

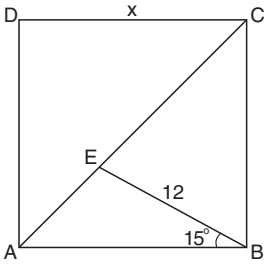
$|CF| = x$  kaç cm dir?

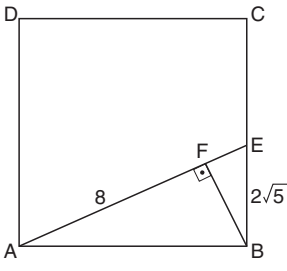
- A) 1 B) 2 C) 3 D) 4 E) 5

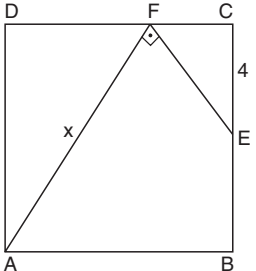
1.  ABCD bir kare  
IDFI = IFCI  
IEBI =  $2\sqrt{5}$  cm  
IBCI = x
- Yukarıdaki verilere göre, IBCI = x kaç cm dir?
- A)  $4\sqrt{2}$  B) 4 C) 5 D) 6 E) 8

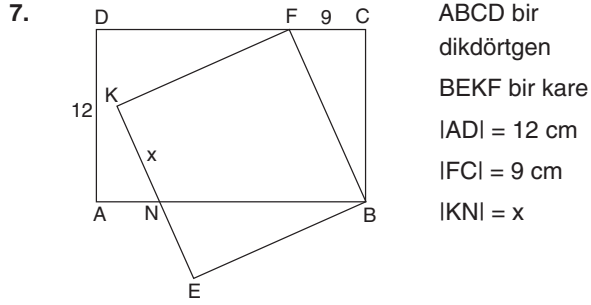
4.  ABCD bir kare  
IAEI = 4 cm  
Alan(ACE) = 20 cm<sup>2</sup>
- Yukarıdaki verilere göre, IACI kaç cm dir?
- A)  $9\sqrt{2}$  B)  $8\sqrt{3}$  C)  $8\sqrt{2}$  D)  $12\sqrt{2}$  E)  $10\sqrt{2}$

2.  ABCD bir kare  
AEF dik üçgen  
[AE] ⊥ [FE]  
IABI = 6 cm  
IBEI = 2 cm  
IFEI = 4 cm
- Yukarıdaki verilere göre, Alan(ACF) kaç cm<sup>2</sup> dir?
- A) 15 B) 12 C) 10 D) 9 E) 8

5.  ABCD bir kare  
E ∈ [AC]  
m(ABE) = 15°  
IEBI = 12 cm  
IDCI = x
- Yukarıdaki verilere göre, IDCI = x kaç cm dir?
- A)  $3\sqrt{6}$  B)  $2\sqrt{6}$  C)  $6\sqrt{2}$  D)  $6\sqrt{6}$  E)  $6\sqrt{3}$

3.  ABCD bir kare  
[BF] ⊥ [AE]  
IEBI =  $2\sqrt{5}$  cm  
IAFI = 8 cm
- Yukarıdaki verilere göre, ABCD karesinin çevresi kaç cm dir?
- A)  $16\sqrt{5}$  B)  $12\sqrt{5}$  C)  $16\sqrt{3}$  D)  $16\sqrt{2}$  E)  $12\sqrt{3}$

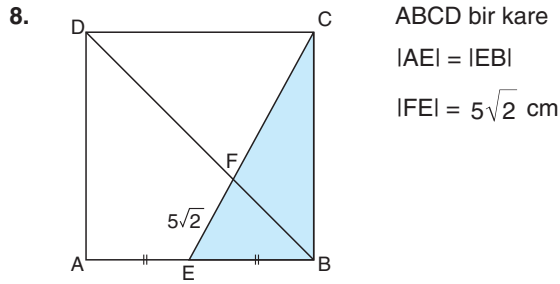
6.  ABCD bir kare  
[AF] ⊥ [FE]  
ICEI = 4 cm  
Çevre(ABCD) = 64 cm  
IAFI = x
- Yukarıdaki verilere göre, IAFI = x kaç cm dir?
- A)  $8\sqrt{5}$  B)  $5\sqrt{6}$  C)  $6\sqrt{6}$  D)  $8\sqrt{3}$  E)  $8\sqrt{2}$



ABCD bir dikdörtgen  
BEKF bir kare  
 $|AD| = 12$  cm  
 $|FC| = 9$  cm  
 $|KN| = x$

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

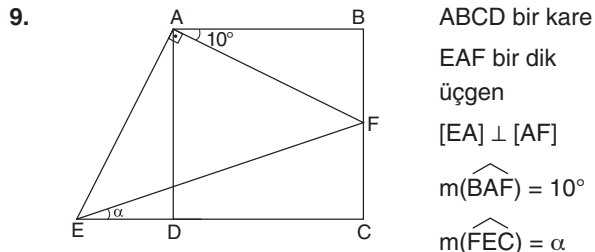
- A) 8    B)  $\frac{15}{2}$     C)  $\frac{15}{4}$     D)  $\frac{12}{5}$     E) 4



ABCD bir kare  
 $|AE| = |EB|$   
 $|FE| = 5\sqrt{2}$  cm

Yukarıdaki verilere göre, EBC üçgeninin alanı kaç  $cm^2$  dir?

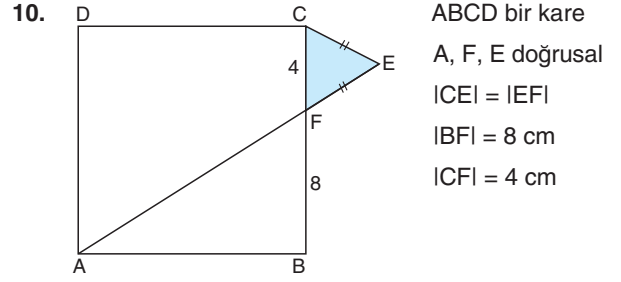
- A) 72    B) 80    C) 84    D) 90    E) 100



ABCD bir kare  
EAF bir dik üçgen  
 $[EA] \perp [AF]$   
 $m(\widehat{BAF}) = 10^\circ$   
 $m(\widehat{FEC}) = \alpha$

Yukarıdaki verilere göre,  $m(\widehat{FEC}) = \alpha$  kaç derecedir?

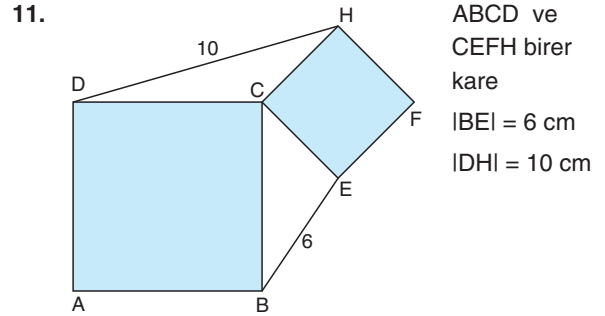
- A) 10    B) 15    C) 25    D) 30    E) 35



ABCD bir kare  
A, F, E doğrusal  
 $|CE| = |EF|$   
 $|BF| = 8$  cm  
 $|CF| = 4$  cm

Yukarıdaki verilere göre, Alan(CEF) kaç  $cm^2$  dir?

- A) 6    B) 8    C) 9    D) 12    E) 15

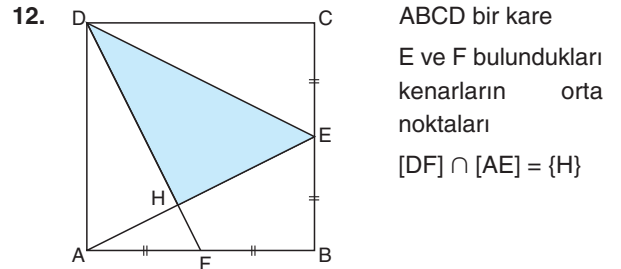


ABCD ve CEFH birer kare  
 $|BE| = 6$  cm  
 $|DH| = 10$  cm

Yukarıdaki verilere göre,

Alan(ABCD) + Alan(CEFH) toplamı kaç  $cm^2$  dir?

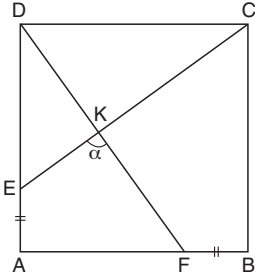
- A) 64    B) 68    C) 70    D) 88    E) 136

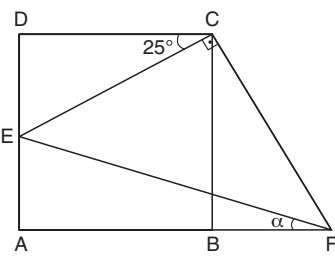


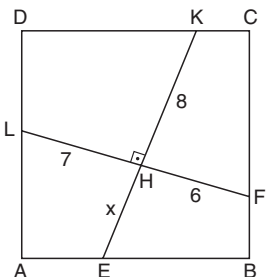
ABCD bir kare  
E ve F buldukları kenarların orta noktaları  
 $[DF] \cap [AE] = \{H\}$

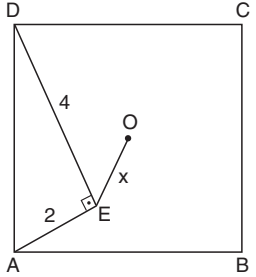
Yukarıdaki şekilde, EHD üçgeninin alanı  $24 cm^2$  ise karenin bir kenarı kaç cm dir?

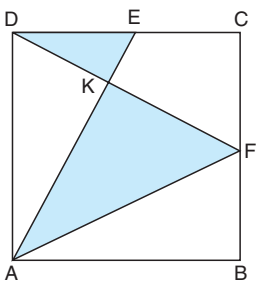
- A)  $4\sqrt{5}$     B)  $3\sqrt{5}$     C)  $2\sqrt{5}$     D) 6    E) 4

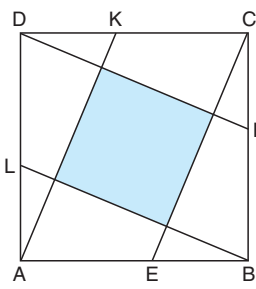
1.  ABCD bir kare  
 $|AE| = |BF|$   
 $DF \cap CE = \{K\}$   
 $m(\widehat{EKF}) = \alpha$
- Yukarıdaki verilere göre,  $m(\widehat{EKF}) = \alpha$  kaç derecedir?
- A) 100 B) 90 C) 80 D) 75 E) 70

2.  ABCD bir kare  
A, B, F doğrudur  
 $m(\widehat{DCE}) = 25^\circ$   
 $m(\widehat{AFE}) = \alpha$   
 $[CE] \perp [CF]$
- Yukarıdaki verilere göre,  $m(\widehat{AFE}) = \alpha$  kaç derecedir?
- A) 20 B) 25 C) 27 D) 30 E) 35

3.  ABCD bir kare  
 $[LF] \perp [KE]$   
 $|KH| = 8 \text{ cm}$   
 $|LH| = 7 \text{ cm}$   
 $|HF| = 6 \text{ cm}$   
 $|HE| = x$
- Yukarıdaki verilere göre,  $|HE| = x$  kaç cm dir?
- A) 8 B) 7 C) 6 D) 5 E) 4

4.  ABCD bir kare  
 $DE \perp EA$   
 $|DE| = 4 \text{ cm}$   
 $|AE| = 2 \text{ cm}$   
 $|OE| = x$
- Şekildeki ABCD karesinin ağırlık merkezi O noktası olduğuna göre,  $|OE| = x$  kaç cm dir?
- A) 2 B)  $2\sqrt{2}$  C)  $\sqrt{2}$  D) 1 E)  $\sqrt{3}$

5.  ABCD bir kare  
 $|DE| = |EC|$   
 $DF \cap EA = \{K\}$   
 $\text{Alan}(KED) = 3 \text{ cm}^2$   
 $\text{Alan}(KAF) = 13 \text{ cm}^2$
- Yukarıdaki verilere göre, ABCD karesinin alanı kaç  $\text{cm}^2$  dir?
- A) 30 B) 32 C) 36 D) 40 E) 48

6.  ABCD bir kare  
E, F, K, L buldukları kenarların orta noktalarıdır.  
 $|AB| = 15 \text{ cm}$
- Yukarıdaki verilere göre, taralı alan kaç  $\text{cm}^2$  dir?
- A) 30 B) 35 C) 40 D) 45 E) 50