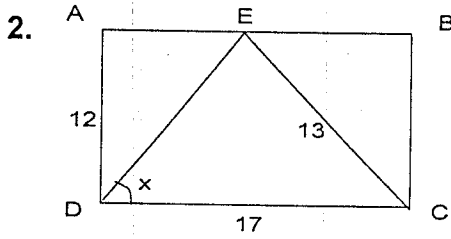


Şekildeki ABCD dikdörtgeninde $s(\hat{C}EB) = 45^\circ$ ve $s(\hat{A}DB) = 60^\circ$ olduğuna göre $s(\hat{D}BE) = x$ kaç derecedir?

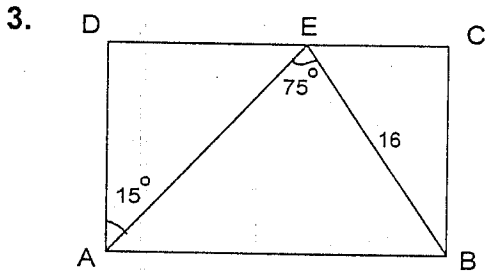
- A) 15 B) 20 C) 25 D) 30



ABCD dikdörtgen, $|AD| = 12$ br,
 $|EC| = 13$ br, $|DC| = 17$ br,

Yukarıda verilenlere göre, $m(\hat{E}DC) = x$ kaç derecedir?

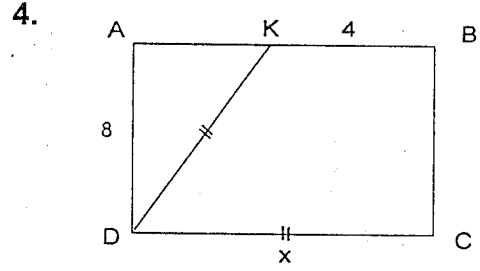
- A) 15 B) 30 C) 45 D) 60 E) 75



Şekilde ABCD dikdörtgen, $m(\hat{D}AE) = 15^\circ$,

$m(\hat{A}EB) = 75^\circ$ dir. $|BE| = 16$ cm olduğuna göre, $A(ABCD)$ kaç cm^2 dir?

- A) 48 B) 62 C) 78 D) 128 E) 162

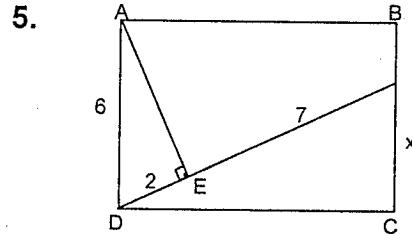


ABCD dikdörtgen,

$|AD| = 8$ cm, $|KB| = 4$ cm, $|DK| = |DC| = x$

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

- A) 10 B) 12 C) 18 D) 20 E) 24

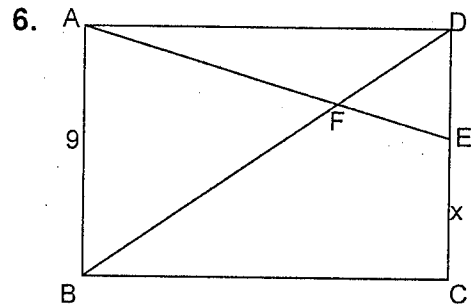


ABCD dikdörtgen $[AE] \perp [DF]$

$|AD| = 6$ cm $|DE| = 2$ cm $|EF| = 7$ cm

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

- A) 5 B) $\frac{5}{9}$ C) 4 D) $\frac{7}{2}$ E) 3

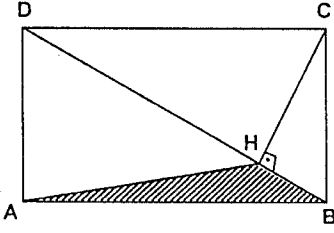


ABCD bir dikdörtgen $3|EF| = 2|AF|$, $|AB| = 9$ cm, $|EC| = x$

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

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

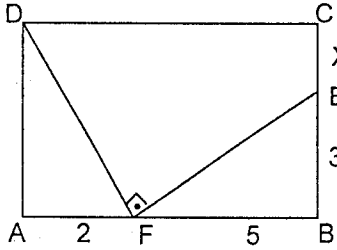
7.



ABCD dikdörtgeninde, $[CH] \perp [BD]$, $|CH| = 4$ birim, $|AB| = 8$ birim, olduğuna göre, taralı alan kaç br^2 dir?

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

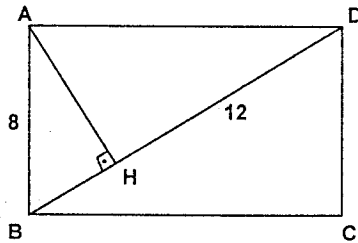
8.



Şekilde ABCD dikdörtgenidir. $[DF] \perp [FE]$ $|AF| = 2$ cm, $|BE| = 3$ cm ise $|CE| = x$ kaç cm.dir

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

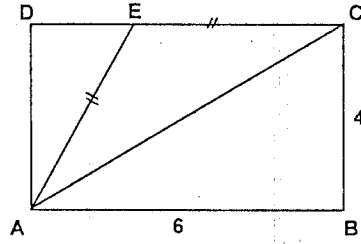
9.



ABCD dikdörtgen; $[BD]$ köşegen, $[AH] \perp [BD]$, $|AB| = 8$ br, $|HD| = 12$ br Yukarıdaki verilere göre, $A(ABCD)$ kaç br^2 dir?

- A) $32\sqrt{3}$ B) $64\sqrt{3}$ C) 32
D) 48 E) 64

10.

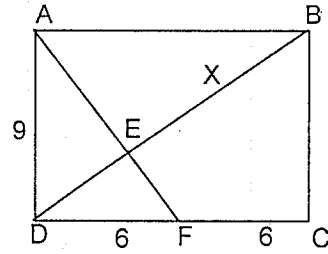


ABCD bir dikdörtgen, $|AE| = |EC|$ $|AB| = 6$ cm, $|BC| = 4$ cm

Yukarıdaki verilere göre, $A(AEC)$ kaç cm^2 dir?

- A) $\frac{28}{3}$ B) $\frac{26}{3}$ C) $\frac{13}{2}$ D) $\frac{28}{5}$ E) $\frac{13}{4}$

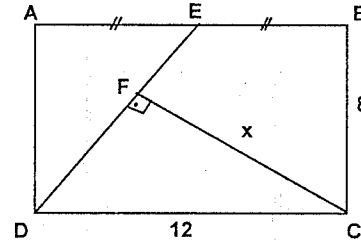
11.



ABCD dikdörtgen, $[BD]$ köşegen, A,E,F doğrusal $|DF| = |FC| = 6$ br, $|AD| = 9$ br. $|EB| = x$ Yukarıda verilere göre, $|EB| = x$ kaç br.dir?

- A) 6 B) 7 C) 10 D) 12 E) 15

12.

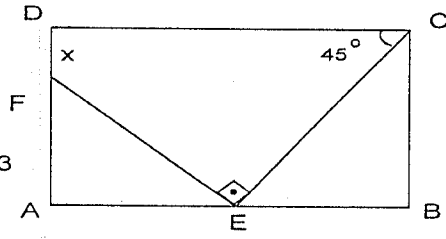


ABCD dikdörtgen, $[DE] \perp [FC]$, $|AE| = |EB|$ $|BC| = 8$ br, $|DC| = 12$ br, $|FC| = x$

Yukarıda verilenlere göre, $|FC| = x$ kaç br dir?

- A) 6,4 B) 7 C) 7,2 D) 9,6 E) 10

13.



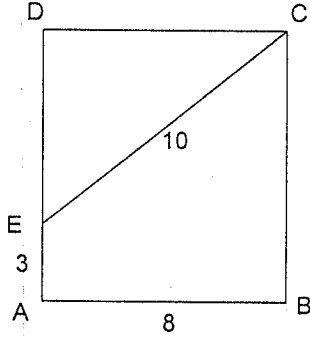
ABCD dikdörtgenin alanı 40 cm^2 dir.

$m(\hat{E}CD) = 45^\circ$, $|EA| = 3 \text{ cm}$ ise

$|FD| = x$ kaç cm dir?

- A) $\frac{1}{2}$ B) 1 C) $\frac{3}{2}$ D) 2 E) $\frac{5}{2}$

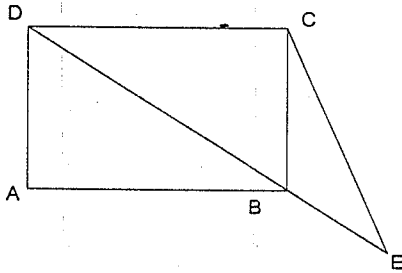
14.



$|EA| = 3 \text{ cm}$, $|EC| = 10 \text{ cm}$, $|AB| = 8 \text{ cm}$ ise ABCD dikdörtgenin alanı kaç cm^2 dir?

- A) 64 B) 72 C) 80 D) 84 E) 96

15.



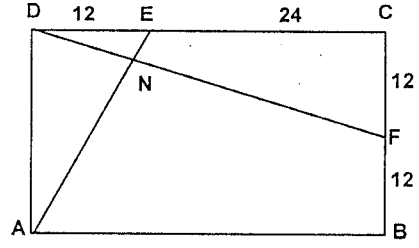
Şekildeki ABCD dikdörtgeninde,

$m(\hat{D}EC) = 45^\circ$ ve $m(\hat{B}CE) = 15^\circ$

$|DC| = 4\sqrt{3} \text{ cm}$ ise $|CE|$ kaç cm dir?

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

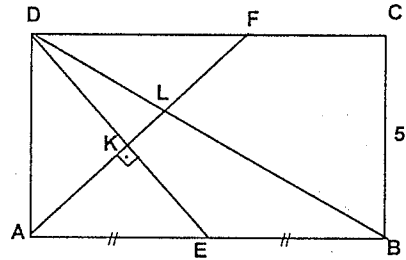
16.



Şekilde; (ABCD) dikdörtgeninde verilenlere göre; $\frac{|DN|}{|DK|}$ nedir?

- A) $\frac{2}{7}$ B) $\frac{4}{9}$ C) $\frac{5}{9}$ D) $\frac{2}{3}$ E) $\frac{7}{9}$

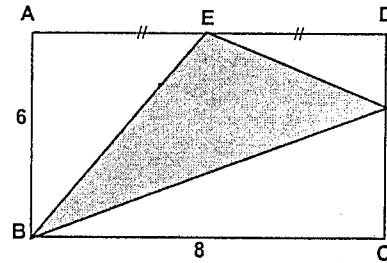
17.



Şekildeki ABCD dikdörtgen, $|AE| = |EB|$, $|AK| = 3 \text{ cm}$ ve $|BC| = 5 \text{ cm}$ ise Alan(AEK) kaç cm^2 dir?

- A) $\frac{27}{8}$ B) $\frac{24}{5}$ C) $\frac{18}{5}$ D) $\frac{10}{3}$ E) $\frac{8}{3}$

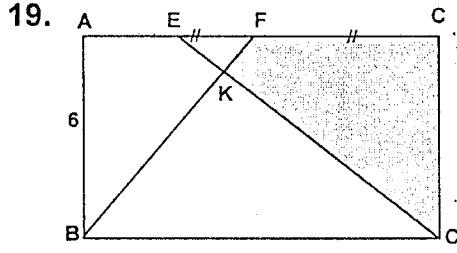
18.



ABCD bir dikdörtgen, E ve F orta noktalar, $|AB| = 6 \text{ cm}$, $|BC| = 8 \text{ cm}$,

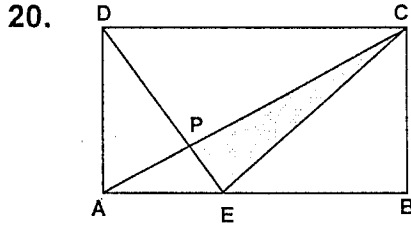
Yukarıdaki verilere göre, Alan(BEF) kaç cm^2 dir?

- A) 24 B) 20 C) 18 D) 16 E) 14



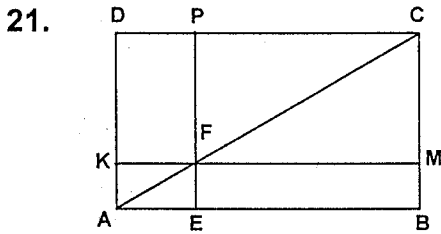
ABCD bir dikdörtgen;
 $IAEI = IEFI = \frac{IFDI}{2}$ Alan(ABCD) = 40 cm^2
 Yukarıdaki verilere göre, taralı alan kaç cm^2 dir?

- A) 11 B) 13 C) 14 D) 17 E) 18



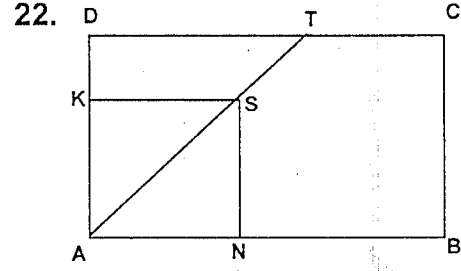
ABCD dikdörtgen, $IAEI = \frac{IABI}{3}$ ve taralı alan 6 cm^2 ise, A(ABCD) kaç cm^2 dir?

- A) 24 B) 32 C) 48 D) 64 E) 72



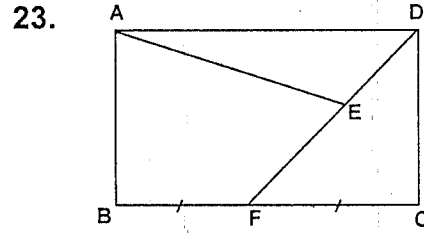
Şekilde ABCD dikdörtgen FPKM karedir. $IBMI = 2$, $IEBI = 8$ ise ABCD dikdörtgeninin alanı kaç cm^2 dir?

- A) 32 B) 48 C) 64 D) 68 E) 72



Şekildeki ANSK bir karedir. $ITCI = 2$ ve ABCD dikdörtgenin alanı 15 cm^2 ise çevresi kaç cm dir?

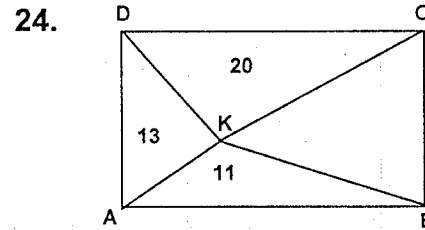
- A) 30 B) 28 C) 24 D) 18 E) 16



ABCD bir dikdörtgen $IBFI = IFCI$, $IFEI = IEDI$,

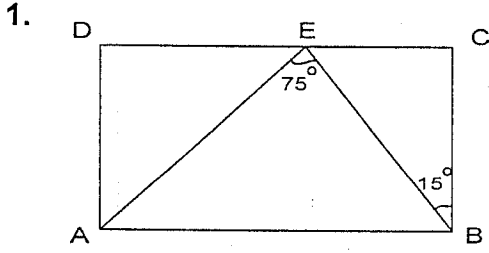
Yukarıdaki verilere göre, $\frac{\text{Alan}(AED)}{\text{Alan}(ABFE)}$ oranı kaçtır?

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



Şekildeki ABCD dikdörtgeninde AKB, AKD ve DKC üçgenlerinin alanları sırasıyla 11 cm^2 , 13 cm^2 ve 20 cm^2 dir. BKC üçgeninin alanı aşağıdakilerden hangisine eşittir?

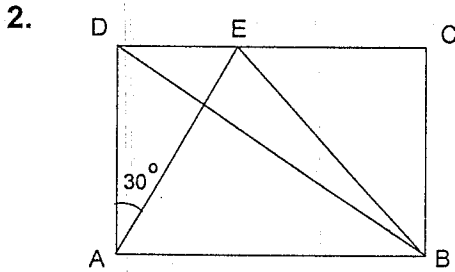
- A) 18 cm^2 B) 15 cm^2 C) 20 cm^2
 D) 22 cm^2 E) 23 cm^2



ABCD dikdörtgeninde, $m(\hat{AEB}) = 75^\circ$,

$m(\hat{EBC}) = 15^\circ$ ve dikdörtgenin alanı 18 cm^2 ise dikdörtgenin çevresi kaç cm dir?

- A) 22 B) 20 C) 18 D) 16 E) 14

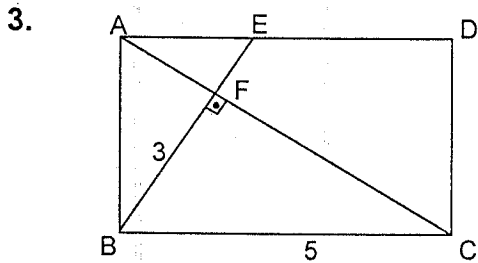


ABCD dikdörtgen, $|AB| = |EB|$,

$m(\hat{DAE}) = 30^\circ$, $|DB| = \sqrt{21} \text{ cm}$

$|AE| = ?$

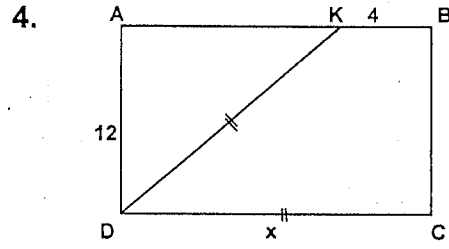
- A) $\sqrt{3}$ B) $2\sqrt{3}$ C) $3\sqrt{3}$
D) $4\sqrt{3}$ E) $5\sqrt{3}$



ABCD bir dikdörtgen, $[AC] \perp [BE]$, $|BF| = 3 \text{ cm}$, $|BC| = 5 \text{ cm}$. $|EF| = x$

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

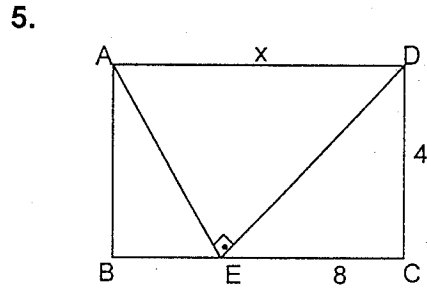
- A) $\frac{5}{8}$ B) $\frac{25}{8}$ C) $\frac{25}{4}$ D) $\frac{27}{16}$ E) $\frac{16}{3}$



ABCD dikdörtgen, $|AD| = 12 \text{ cm}$, $|KB| = 4 \text{ cm}$, $|DKI| = |DCI| = x$

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

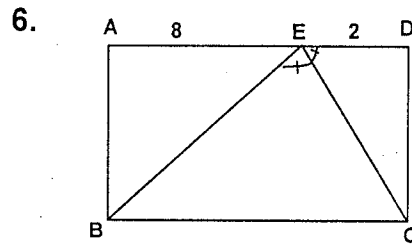
- A) 20 B) 16 C) 12 D) 10 E) 9



$[AD] \parallel [BC]$, $[AB] \perp [BC]$, $[DC] \perp [BC]$, $[AE] \perp [DE]$, $|EC| = 8 \text{ cm}$, $|DCI| = 4 \text{ cm}$

Yukarıdaki verilere göre $|ADI| = x$ kaç cm. dir?

- A) $2\sqrt{10}$ B) $3\sqrt{2}$ C) 10 D) $6\sqrt{2}$ E) 15

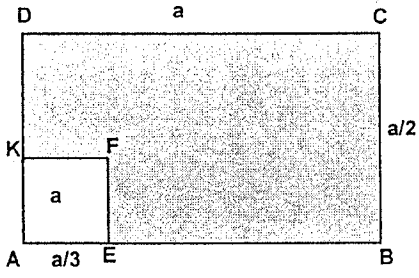


ABCD dikdörtgen; $[EC]$ açıortay, $|ED| = 2 \text{ cm}$, $|AE| = 8 \text{ cm}$,

Yukarıdaki verilere göre, dikdörtgenin alanı kaç cm^2 dir?

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

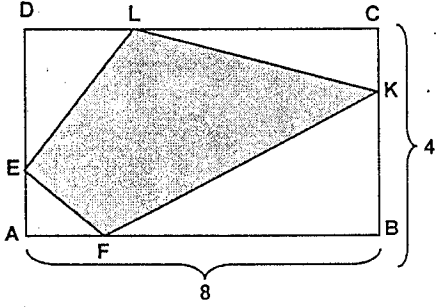
7.



Yukarıdaki şekilde ABCD bir dikdörtgen, AEFK bir karedir. Taralı bölgenin çevresi 90 cm olduğuna göre, taralı bölgenin alanı kaç cm^2 dir?

- A) 300 B) 350 C) 450 D) 600 E) 900

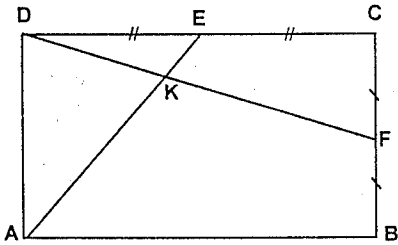
8.



ABCD bir dikdörtgen $|AF| = |DL|$,
 $|AB| = 8 \text{ cm}$, $|BC| = 4 \text{ cm}$
 Yukarıda verilenlere göre, EFKL dörtgeninin alanı kaç cm^2 dir?

- A) 8 B) 12 C) 14 D) 16 E) 24

9.

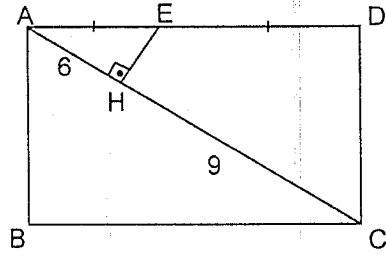


ABCD bir dikdörtgen; $[AE] \cap [DF] = \{K\}$
 $|BF| = |FC|$, $|DE| = |EC|$

Yukarıdaki verilere göre, $\frac{|DK|}{|KF|}$ oranı kaçtır?

- A) 1 B) $\frac{2}{3}$ C) $\frac{2}{9}$ D) $\frac{5}{9}$ E) $\frac{1}{3}$

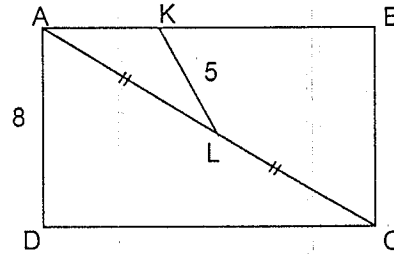
10.



ABCD bir dikdörtgen, [AC] Köşegen
 $[EH] \perp [AC]$ $|AE| = |ED|$, $|AH| = 6 \text{ br}$ $|HC| = 9 \text{ br}$
 Yukarıdaki verilere göre, A (ABCD) kaç br^2 dir?

- A) 90 B) 80 C) 68 D) 60 E) 30

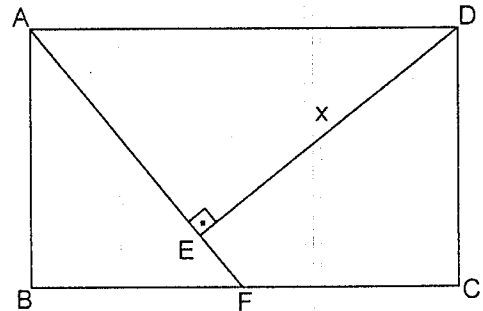
11.



ABCD bir dikdörtgen, [AC] Köşegen
 $3|AK| = |KB|$, $|AL| = |LC|$,
 $|KL| = 5 \text{ cm}$, $|AD| = 8 \text{ cm}$
 Yukarıdaki verilere göre, A (ABCD) kaç cm^2 dir?

- A) 50 B) 78 C) 80 D) 96 E) 102

12.

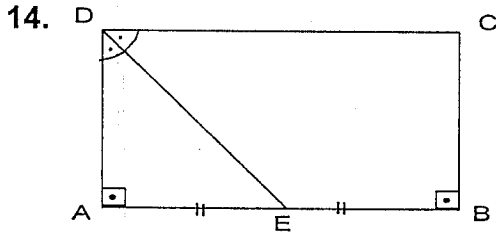


ABCD bir dikdörtgen $[DE] \perp [AF]$,
 $|AF| = |AD|$, $|DC| = 9 \text{ cm}$
 Yukarıdaki verilere göre, $|DE| = x$ kaç cm dir?

- A) 6 B) 7 C) 9 D) 12 E) 15

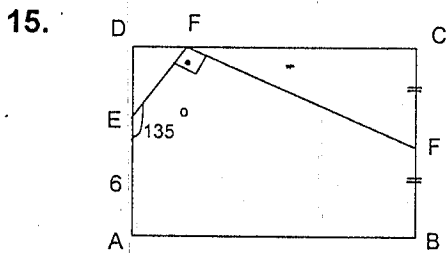
13. Bir dikdörtgenin alanı 24 cm^2 dir. Bu dikdörtgenin boyutlarından biri $\frac{2}{3}$ ü kadar uzatılırsa, alanı kaç cm^2 artar?

A) 16 B) 12 C) 8 D) 6 E) 4



ABCD dikdörtgeninde, $|DE|$ açıortay ve $|AE| = |EB|$ dir. Dikdörtgenin çevresi 24 cm ise, alanı kaç cm^2 dir?

A) 32 B) 30 C) 28 D) 24 E) 18

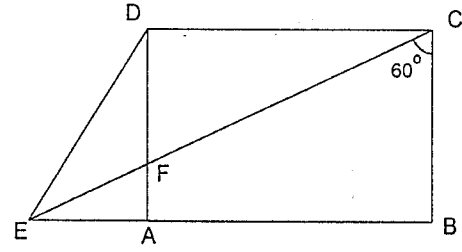


Şekilde ABCD dikdörtgen,

$m(\widehat{FEA}) = 135^\circ$, $[EF] \perp [FB]$, $|EK| = 6 \text{ cm}$ ve $\text{Alan}(ABCD) = 90 \text{ cm}^2$ ise Çevre(ABCD) kaç cm dir?

A) 44 B) 40 C) 38 D) 24 E) 81

16.



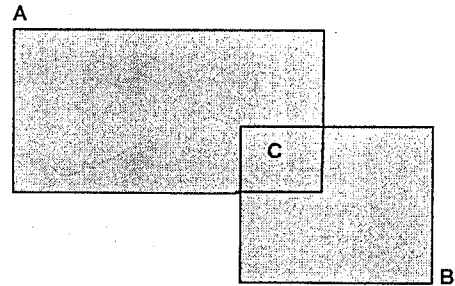
ABCD dikdörtgen ve $m(\widehat{ECB}) = 60^\circ$, $|BC| = 4 \text{ cm}$, $|EF| = |FD|$ ise $|AF| = ?$

A) $\frac{4}{3}$ B) $\frac{8}{3}$ C) $\frac{11}{3}$ D) $\frac{13}{3}$ E) $\frac{14}{3}$

17. Bir dikdörtgenin kenar uzunlukları oranı $\frac{5}{8}$ dir. Bu dikdörtgenin çevresi 182 cm olduğuna göre, alanı kaç cm^2 dir?

A) 1950 B) 1960 C) 1970
D) 1980 E) 1990

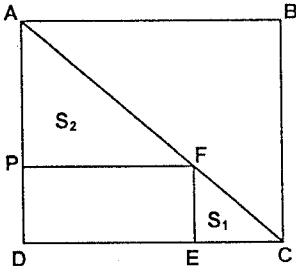
18.



Şekilde A dikdörtgeni ile B karesinin alanları birbirine eşittir. Taralı alan 48 cm^2 C kapalı bölgesinin alanı ise A'nın alanının $\frac{2}{5}$ si kadardır. Buna göre, B karesinin alanı kaç cm^2 dir?

A) 32 B) 18 C) 20 D) 28 E) 30

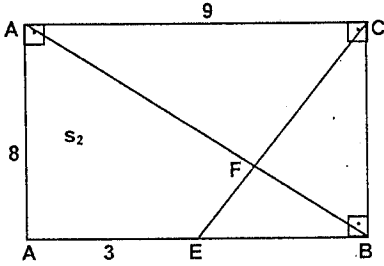
19.



ABCD bir kare, DEFP bir dikdörtgendir. Karenin alanı 144 br^2 , $S_2 - S_1 = 48$ ise dikdörtgenin alanı kaç br^2 dir?

- A) 32 B) 30 C) 24 D) 20 E) 10

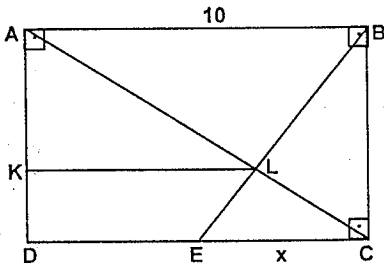
20.



Şekildeki ABCD bir dikdörtgendir. $|AD| = 8 \text{ cm}$, $|CD| = 9 \text{ cm}$, $|AE| = 3 \text{ cm}$ ise $|EF|$ kaç cm dir?

- A) 4 B) $\frac{16}{3}$ C) $\frac{9}{2}$ D) 8 E) 10

21.

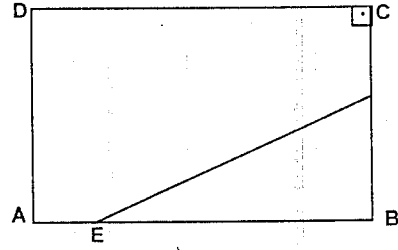


ABCD bir dikdörtgen, $[AC]$ köşegen B, L, E doğrusal $[LK] \parallel [DC]$, $|AB| = 10 \text{ cm}$ $|KLI| = 6 \text{ cm}$. $|EC| = x$

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

- A) $\frac{18}{4}$ B) $\frac{10}{5}$ C) 5 D) $\frac{20}{3}$ E) $\frac{18}{5}$

22.

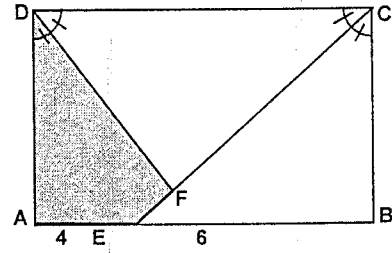


ABCD bir dikdörtgen, $|AB| = 6$. $|AE|$, $|BC| = 4$, $|BF|$

Yukarıdaki şekilde EBF üçgeninin alanı 10 cm^2 olduğuna göre, ABCD dikdörtgeninin alanı kaç cm^2 dir?

- A) 48 B) 60 C) 74 D) 84 E) 96

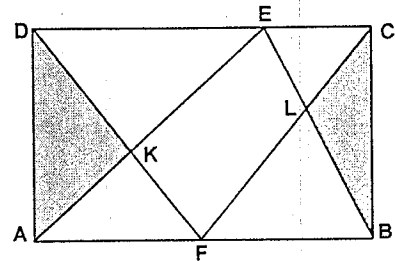
23.



Yukarıdaki ABCD dikdörtgeninde, $[CE]$ ve $[DF]$ açıortaydır. $|EB| = 6 \text{ cm}$ ve $|AE| = 4 \text{ cm}$ ise, $\text{Alan}(AEFD)$ kaç cm^2 dir?

- A) 14 B) 15 C) 16 D) 17 E) 18

24.



Şekildeki ABCD dikdörtgeninde, $A(DAK) + A(LBC) = 20 \text{ br}^2$ ise Alan $(EKFL)$ kaç birimdir?

- A) 15 B) 20 C) 25 D) 30 E) 40

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

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