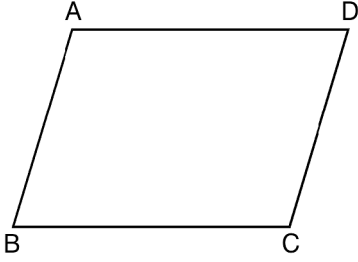


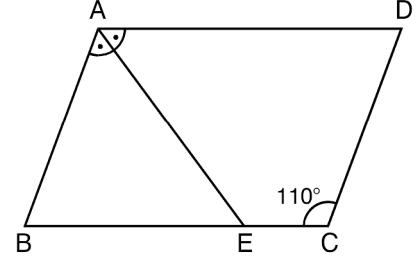
1



ABCD paralelkenar, $m(\widehat{BCD}) = 2m(\widehat{ABC}) - 18^\circ$ olduğuna göre, $m(\widehat{BAD})$ kaç derecedir?

- A) 96 B) 100 C) 114 D) 132 E) 140

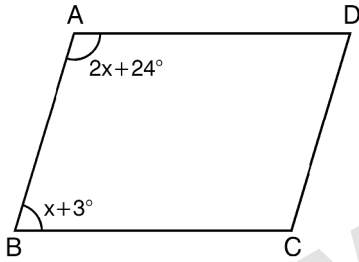
4



ABCD paralelkenar, [AE] açıortay, $m(\widehat{BCD}) = 110^\circ$ olduğuna göre, $m(\widehat{AEB})$ kaç derecedir?

- A) 55 B) 50 C) 45 D) 40 E) 35

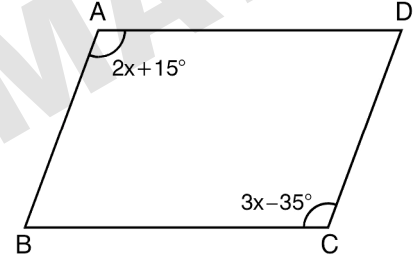
2



ABCD paralelkenar, $m(\widehat{ABC}) = x + 3^\circ$, $m(\widehat{BAD}) = 2x + 24^\circ$ olduğuna göre, $m(\widehat{ADC})$ kaç derecedir?

- A) 50 B) 51 C) 52 D) 53 E) 54

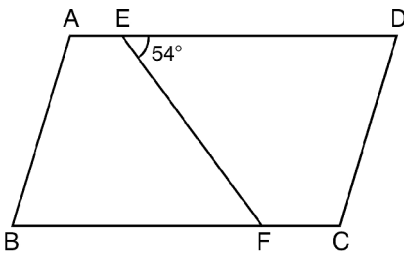
5



ABCD paralelkenar, $m(\widehat{BAD}) = 2x + 15^\circ$, $m(\widehat{BCD}) = 3x - 35^\circ$ olduğuna göre, $m(\widehat{ABC})$ kaç derecedir?

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

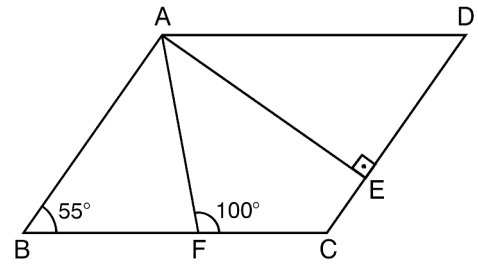
3



ABCD paralelkenar, $m(\widehat{FED}) = 54^\circ$ olduğuna göre, $m(\widehat{EFC})$ kaç derecedir?

- A) 116 B) 120 C) 124 D) 126 E) 135

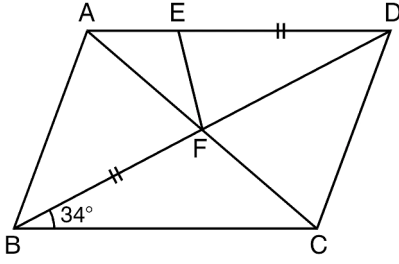
6



ABCD paralelkenar, $[AE] \perp [DC]$, $m(\widehat{AFC}) = 100^\circ$, $m(\widehat{ABC}) = 55^\circ$ olduğuna göre, $m(\widehat{EAF})$ kaç derecedir?

- A) 25 B) 30 C) 35 D) 40 E) 45

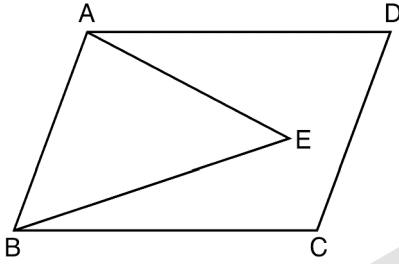
7



ABCD paralelkenar, $[AC] \cap [BD] = \{F\}$, $|ED| = |BF|$
 $m(\widehat{DBC}) = 34^\circ$ olduğuna göre, $m(\widehat{AEF})$ kaç derecedir?

- A) 110 B) 107 C) 105 D) 102 E) 100

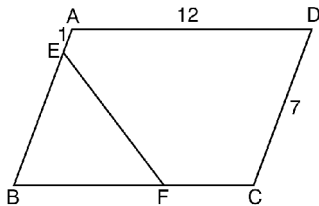
8



ABCD paralelkenar, $m(\widehat{BAE}) = 2m(\widehat{EAD})$
 $m(\widehat{ABE}) = 2m(\widehat{EBC})$ olduğuna göre,
 $m(\widehat{AEB})$ kaç derecedir?

- A) 30 B) 45 C) 50 D) 55 E) 60

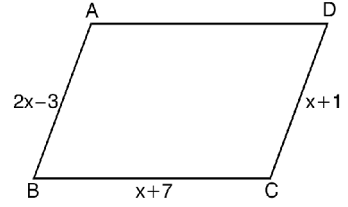
9



ABCD paralelkenar, $|BF| = |FC| + 2$, $|AE| = 1$ cm
 $|AD| = 12$ cm, $|DC| = 7$ cm olduğuna göre,
 $|BE| + |BF|$ toplamı kaç cm dir?

- A) 12 B) 13 C) 14 D) 15 E) 16

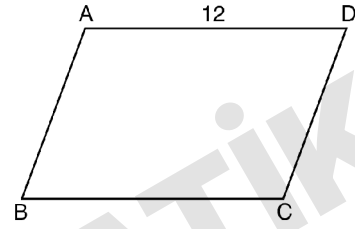
10



ABCD paralelkenar, $|AB| = (2x-3)$ cm
 $|DC| = (x+1)$ cm, $|BC| = (x+7)$ cm olduğuna göre,
 paralelkenarın çevresi kaç cm dir?

- A) 42 B) 38 C) 35 D) 32 E) 27

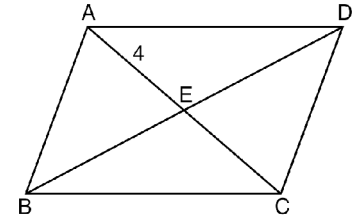
11



ABCD paralelkenar, $|BC| = |DC| + 5$, $|AD| = 12$ cm
 olduğuna göre, paralelkenarın çevresi kaç cm dir?

- A) 48 B) 42 C) 38 D) 34 E) 32

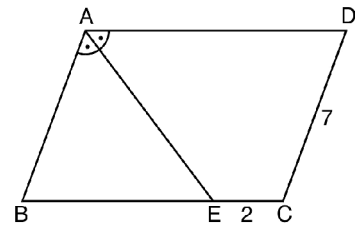
12



ABCD paralelkenar, $|ED| = |EC| + 2$, $|AE| = 4$ cm
 olduğuna göre, $|AC| + |BD|$ toplamı kaç cm dir?

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

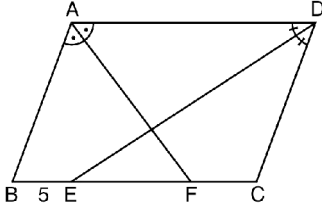
13



ABCD paralelkenar, $[AE]$ açıortay, $|DC| = 7$ cm
 $|EC| = 2$ cm olduğuna göre, $|AD|$ kaç cm dir?

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

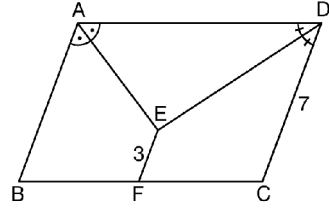
14



ABCD paralelkenar, $[AF]$ ve $[DE]$ açıortay, $|BE| = 5$ cm olduğuna göre, $|FC|$ kaç cm dir?

- A) $\frac{7}{2}$ B) 4 C) $\frac{9}{2}$ D) 5 E) 6

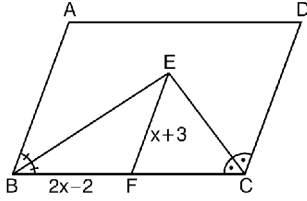
18



ABCD paralelkenar, $[AE]$ ve $[DE]$ açıortay, $[EF] \parallel [DC]$ $|EF| = 3$ cm, $|DC| = 7$ cm olduğuna göre, $|AD|$ kaç cm dir?

- A) 7 B) 8 C) 9 D) 10 E) 11

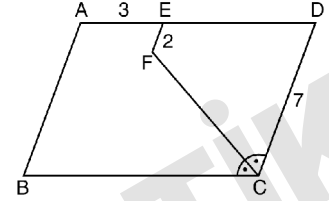
15



ABCD paralelkenar, $[BE]$ ve $[CE]$ açıortay, $[EF] \parallel [DC]$ $|EF| = (x+3)$ cm, $|BF| = (2x-2)$ cm olduğuna göre, $|BC|$ kaç cm dir?

- A) 16 B) 15 C) 13 D) 12 E) 10

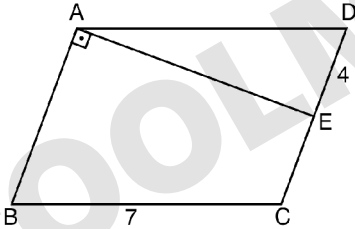
19



$[AB] \parallel [EF]$, $m(\widehat{BCF}) = m(\widehat{FCD})$, $|DC| = 7$ cm $|AE| = 3$ cm, $|EF| = 2$ cm olduğuna göre, ABCD paralelkenarının çevresi kaç cm dir?

- A) 30 B) 28 C) 27 D) 24 E) 21

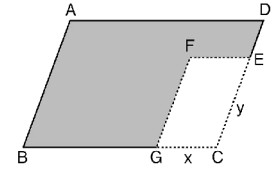
16



ABCD paralelkenar, $[AB] \perp [AE]$, $|ED| = 4$ cm $|BC| = 7$ cm olduğuna göre, $|AE|$ kaç cm dir?

- A) $3\sqrt{5}$ B) $2\sqrt{10}$ C) 6 D) $\sqrt{33}$ E) $4\sqrt{2}$

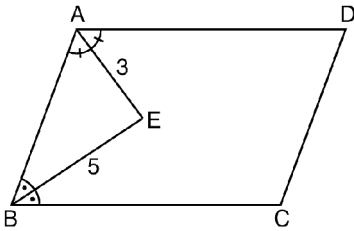
20



ABCD paralelkenarının bir köşesinden şekilde görüldüğü gibi EFGC paralelkenarı kesilerek ayrılıyor. ABCD paralelkenarının çevresi 48 cm dir, $|GC| = x$ cm $|EC| = y$ cm olduğuna göre, paralelkenardan geriye kalan parçanın çevresi kaç cm dir?

- A) $48-x$ B) $48-y$ C) $48-x-y$
D) $48+x+y$ E) 48

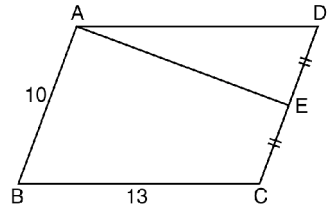
17



ABCD paralelkenar, $[AE]$ ve $[BE]$ açıortay, $|AE| = 3$ cm $|BE| = 5$ cm olduğuna göre, $|AB|$ kaç cm dir?

- A) $2\sqrt{7}$ B) $\sqrt{29}$ C) $\sqrt{34}$ D) $\sqrt{41}$ E) $3\sqrt{5}$

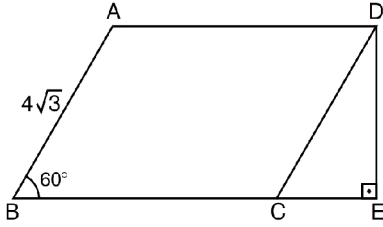
21



ABCD paralelkenar, $m(\widehat{DAE}) + m(\widehat{ABC}) = 90^\circ$ $|DE| = |EC|$, $|AB| = 10$ cm, $|BC| = 13$ cm olduğuna göre, $|AE|$ kaç cm dir?

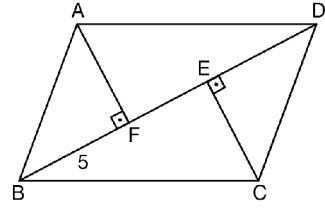
- A) 13 B) 12 C) 10 D) 9 E) 8

22



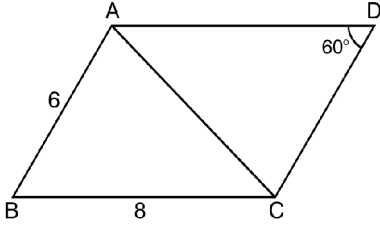
- ABCD paralelkenar, $[DE] \perp [BE]$, $m(\widehat{ABE}) = 60^\circ$
 $|AB| = 4\sqrt{3}$ cm olduğuna göre, $|EC|$ kaç cm dir?
- A) 6 B) $3\sqrt{3}$ C) 5 D) $3\sqrt{2}$ E) $2\sqrt{3}$

26



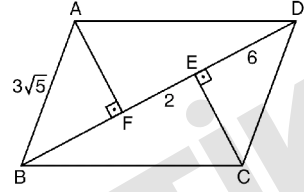
- ABCD paralelkenar, $[AF] \perp [BD]$, $[EC] \perp [BD]$
 $|BF| = 5$ cm olduğuna göre, $|ED|$ kaç cm dir?
- A) 3 B) $\frac{7}{2}$ C) 4 D) $\frac{9}{2}$ E) 5

23



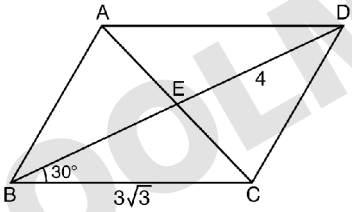
- ABCD paralelkenar, $m(\widehat{ADC}) = 60^\circ$, $|AB| = 6$ cm
 $|BC| = 8$ cm olduğuna göre, $|AC|$ kaç cm dir?
- A) $\sqrt{13}$ B) $3\sqrt{5}$ C) $2\sqrt{13}$ D) $2\sqrt{14}$ E) $2\sqrt{15}$

27



- ABCD paralelkenar, $[AF] \perp [BD]$, $[CE] \perp [BD]$
 $|AB| = 3\sqrt{5}$ cm, $|EF| = 2$ cm, $|ED| = 6$ cm
 olduğuna göre, F ve C noktaları arasındaki uzaklık kaç cm dir?
- A) 3 B) $2\sqrt{3}$ C) $\sqrt{13}$ D) 4 E) $3\sqrt{2}$

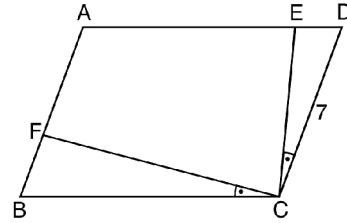
24



- ABCD paralelkenar, $[AC] \cap [BD] = \{E\}$, $m(\widehat{DBC}) = 30^\circ$
 $|DE| = 4$ cm, $|BC| = 3\sqrt{3}$ cm olduğuna göre,
 $|AE|$ kaç cm dir?

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

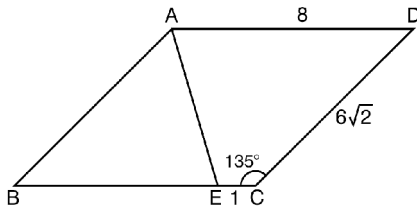
28



- ABCD paralelkenar, $m(\widehat{BCF}) = m(\widehat{EDC})$, $|BF| = 2|ED|$
 $|DC| = 7$ cm olduğuna göre, $|BC|$ kaç cm dir?

- A) 7 B) 8 C) 12 D) 14 E) 15

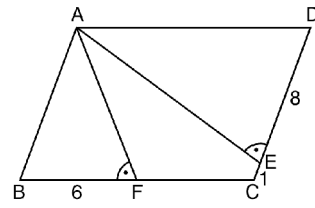
25



- ABCD paralelkenar, $m(\widehat{BCD}) = 135^\circ$, $|AD| = 8$ cm
 $|DC| = 6\sqrt{2}$ cm, $|EC| = 1$ cm olduğuna göre,
 $|AE|$ kaç cm dir?

- A) $2\sqrt{7}$ B) $4\sqrt{2}$ C) 6 D) $\sqrt{37}$ E) $2\sqrt{10}$

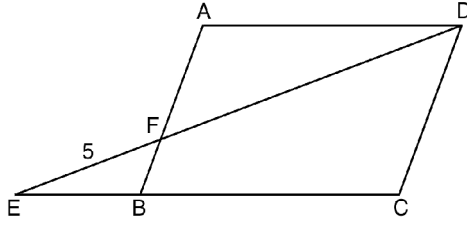
29



- ABCD paralelkenar, $m(\widehat{AFB}) = m(\widehat{AED})$, $|BF| = 6$ cm
 $|EC| = 1$ cm, $|ED| = 8$ cm olduğuna göre,
 $|AD|$ kaç cm dir?

- A) 12 B) 10 C) 9 D) 8 E) 7

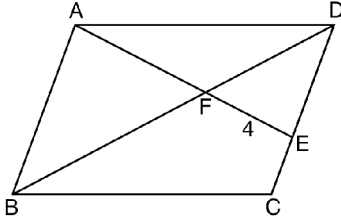
30



ABCD paralelkenar, $[DE] \cap [AC] = \{F\}$, $|BC| = 2|EB|$
 $|EF| = 5$ cm olduğuna göre, $|DF|$ kaç cm dir?

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

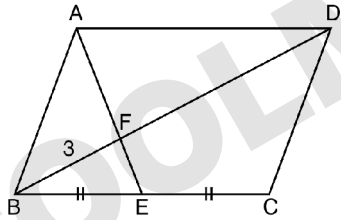
31



ABCD paralelkenar, $[AE] \cap [BD] = \{F\}$, $|DE| = 2|EC|$
 $|EF| = 4$ cm olduğuna göre, $|AF|$ kaç cm dir?

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

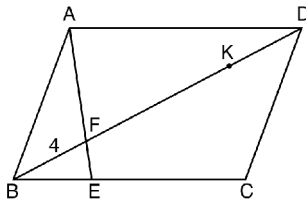
32



ABCD paralelkenar, $[AE] \cap [BD] = \{F\}$, $|BE| = |EC|$
 $|BF| = 3$ cm olduğuna göre, $|BD|$ kaç cm dir?

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

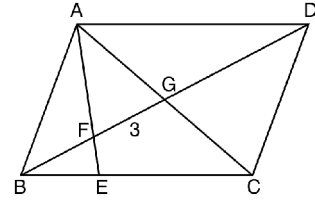
33



ABCD paralelkenar, $[AE] \cap [BD] = \{F\}$, $|EC| = 3|BE|$
 $|KF| = 3|KD|$, $|BF| = 4$ cm olduğuna göre,
 $|KF|$ kaç cm dir?

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

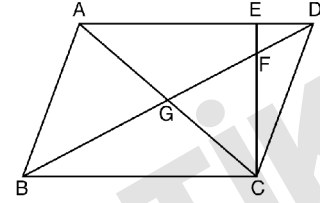
34



ABCD paralelkenar, $[AC] \cap [AE] = \{A\}$, $|FD| = 3|BF|$
 $|FG| = 3$ cm olduğuna göre, $|BD|$ kaç cm dir?

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

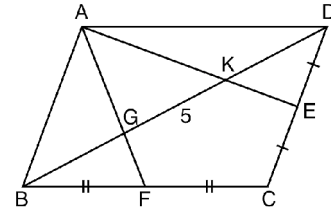
35



ABCD paralelkenar, $[AC] \cap [EC] = \{C\}$, $|BF| = 5|DF|$
 olduğuna göre, $\frac{|FG|}{|BD|}$ oranı kaçtır?

- A) $\frac{1}{3}$ B) $\frac{2}{5}$ C) $\frac{1}{2}$ D) $\frac{2}{3}$ E) $\frac{3}{4}$

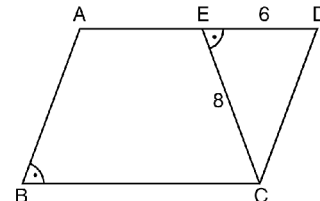
36



ABCD paralelkenar, $[BD]$ köşegen, $[AE] \cap [AF] = \{A\}$
 $|BF| = |FC|$, $|CE| = |ED|$, $|KG| = 5$ cm
 olduğuna göre, $|BD|$ kaç cm dir?

- A) 18 B) 15 C) 14 D) 12 E) 10

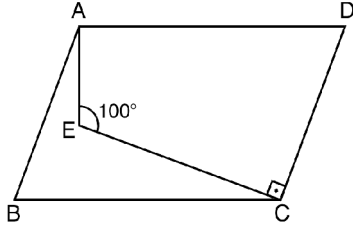
37



ABCD paralelkenar, $m(\widehat{DEC}) = m(\widehat{ABC})$, $|EC| = 8$ cm
 $|ED| = 6$ cm olduğuna göre, A noktasının $[BC]$ ye
 en kısa uzaklığı kaç cm dir?

- A) $\sqrt{65}$ B) $\sqrt{62}$ C) $2\sqrt{15}$ D) $2\sqrt{14}$ E) $\sqrt{55}$

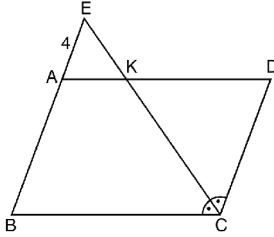
38



ABCD paralelkenar, $[EC] \perp [DC]$, $m(\widehat{AEC}) = 100^\circ$ olduğuna göre, $m(\widehat{BAE})$ kaç derecedir?

- A) 5 B) 10 C) 15 D) 20 E) 25

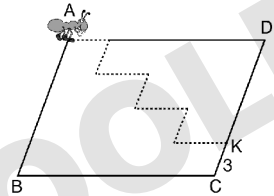
39



ABCD paralelkenar B, A, E doğrusal, $[CE]$ açıortay $|AK| = \frac{1}{2} |KD|$, $|AE| = 4$ cm olduğuna göre, Çevre(ABCD) kaç cm dir?

- A) 32 B) 36 C) 40 D) 44 E) 48

40

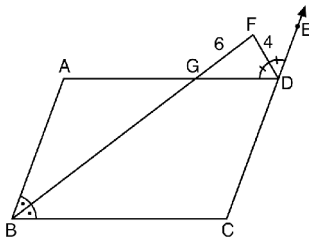


ABCD paralelkenarının A köşesinde bulunan bir hareketli şekilde noktali olarak gösterilen $[AD]$ ve $[CD]$ kenarlarına paralel yollar üzerinde yürüyerek K noktasına ulaşıyor.

Paralelkenarın çevresi 56 cm, $|KC| = 3$ cm olduğuna göre, hareketli A ve K arasında kaç cm yürümüştür?

- A) 36 B) 32 C) 30 D) 28 E) 25

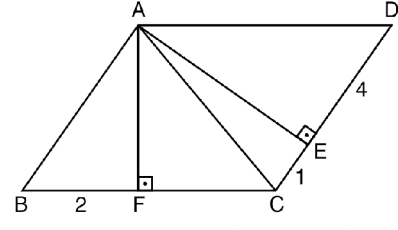
41



ABCD paralelkenar, C, D, E doğrusal $[BF]$ ve $[DF]$ açıortay, $|DF| = 4$ cm, $|FG| = 6$ cm olduğuna göre, $|DG|$ kaç cm dir?

- A) $2\sqrt{13}$ B) $5\sqrt{2}$ C) $4\sqrt{3}$ D) $3\sqrt{5}$ E) $2\sqrt{10}$

42



ABCD paralelkenar, $[AF] \perp [BC]$, $[AE] \perp [DC]$

$|BF| = 2$ cm, $|EC| = 1$ cm, $|DE| = 4$ cm

olduğuna göre, $|AC|$ kaç cm dir?

- A) $2\sqrt{21}$ B) $\sqrt{85}$ C) $3\sqrt{10}$ D) $4\sqrt{6}$ E) 10

43

ABCD paralelkenar

$|AD| = |AF|$

$m(\widehat{EDC}) = 50^\circ$

$m(\widehat{DEC}) = 35^\circ$

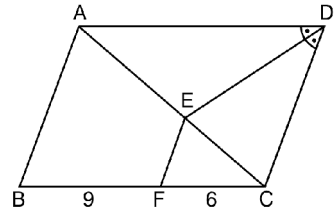
olduğuna göre,

$m(\widehat{BCE})$

kaç derecedir?

- A) 5 B) 10 C) 15 D) 20 E) 25

44



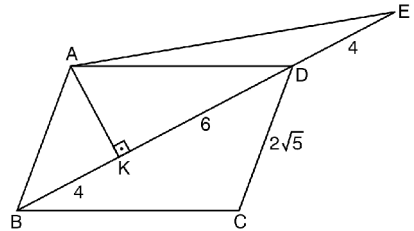
ABCD paralelkenar, $[AC]$ köşegen, $[AB] \parallel [EF]$

$m(\widehat{ADE}) = m(\widehat{EDC})$, $|BF| = 9$ cm, $|FC| = 6$ cm

olduğuna göre, $|DC|$ kaç cm dir?

- A) 6 B) 7 C) 8 D) 9 E) 10

45



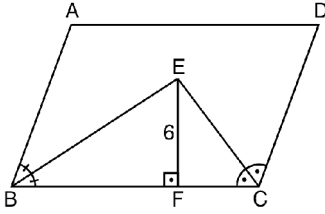
ABCD paralelkenar, $[AK] \perp [BE]$, $|BK| = |DE| = 4$ cm

$|DC| = 2\sqrt{5}$ cm, $|KD| = 6$ cm olduğuna göre,

$|AE|$ kaç cm dir?

- A) 15 B) 13 C) 12 D) $2\sqrt{26}$ E) $\sqrt{102}$

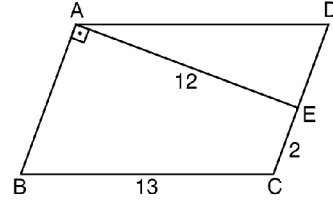
46



ABCD paralelkenar, [BE] ve [CE] açıortay, $[EF] \perp [BC]$
 $|EF| = 6$ cm olduğuna göre, **|AB| ve |DC| kenarları arasındaki en kısa mesafe kaç cm dir?**

- A) 15 B) 12 C) 10 D) 9 E) 8

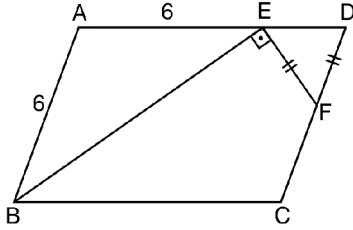
50



ABCD paralelkenar, $[AB] \perp [AE]$, $|AE| = 12$ cm
 $|EC| = 2$ cm, $|BC| = 13$ cm olduğuna göre,
Alan(ABCD) kaç cm^2 dir?

- A) 91 B) 84 C) 78 D) 63 E) 60

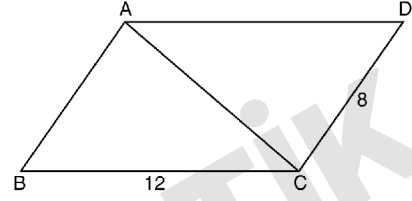
47



ABCD paralelkenar, $[EB] \perp [EF]$, $|AB| = |AE| = 6$ cm
 $|EF| = |DF|$ olduğuna göre, **|BE| kaç cm dir?**

- A) $6\sqrt{3}$ B) $\sqrt{102}$ C) $3\sqrt{10}$ D) $2\sqrt{21}$ E) $6\sqrt{2}$

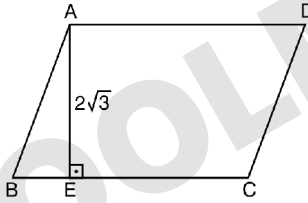
51



ABCD paralelkenar, $\widehat{ADC}$ ve $\widehat{ACB}$ tümler açı
 $|DC| = 8$ cm, $|BC| = 12$ cm olduğuna göre,
Alan(ABCD) kaç cm^2 dir?

- A) $20\sqrt{5}$ B) $25\sqrt{5}$ C) $28\sqrt{5}$ D) $30\sqrt{5}$ E) $32\sqrt{5}$

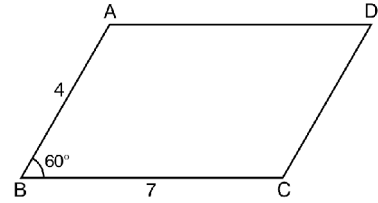
48



ABCD paralelkenar, $[AE] \perp [BC]$, $|AE| = 2\sqrt{3}$ cm
 $|BC| = 3\sqrt{3}$ cm olduğuna göre,
Alan(ABCD) kaç cm^2 dir?

- A) 15 B) 18 C) 21 D) 24 E) 27

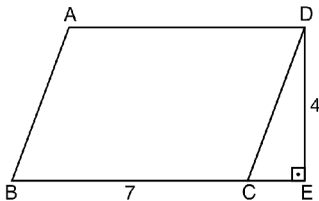
52



ABCD paralelkenar, $m(\widehat{ABC}) = 60^\circ$, $|AB| = 4$ cm
 $|BC| = 7$ cm olduğuna göre, **Alan(ABCD) kaç cm^2 dir?**

- A) $21\sqrt{3}$ B) $18\sqrt{3}$ C) $15\sqrt{3}$ D) $14\sqrt{3}$ E) $12\sqrt{3}$

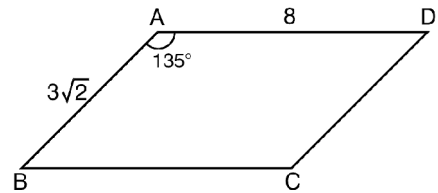
49



ABCD paralelkenar, $[DE] \perp [BE]$, $|BC| = 7$ cm
 $|DE| = 4$ cm olduğuna göre,
Alan(ABCD) kaç cm^2 dir?

- A) 40 B) 35 C) 32 D) 30 E) 28

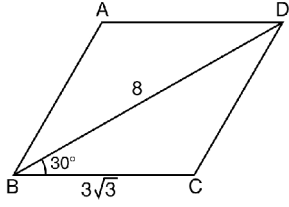
53



ABCD paralelkenar, $m(\widehat{BAD}) = 135^\circ$, $|AB| = 3\sqrt{2}$ cm
 $|AD| = 8$ cm olduğuna göre, **Alan(ABCD) kaç cm^2 dir?**

- A) 18 B) 20 C) 24 D) 27 E) 30

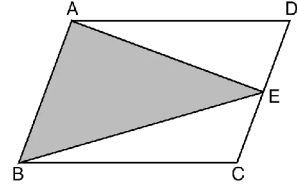
54



ABCD paralelkenar, $m(\widehat{CBD})=30^\circ$, $|BD|=8$ cm
 $|BC|=3\sqrt{3}$ cm olduğuna göre, Alan(ABCD)
 kaç cm^2 dir?

- A) $12\sqrt{3}$ B) $15\sqrt{3}$ C) $18\sqrt{3}$ D) $20\sqrt{3}$ E) $24\sqrt{3}$

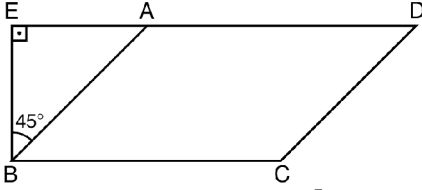
58



ABCD paralelkenar, Alan(AEB) $= (2x-7)$ cm^2
 Alan(ABCD) $= (x+4)$ cm^2 olduğuna göre,
 Alan(AEB) kaç cm^2 dir?

- A) 5 B) 6 C) 8 D) 10 E) 12

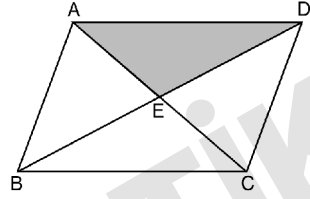
55



ABCD paralelkenar, $[EB] \perp [ED]$, $m(\widehat{EBA})=45^\circ$
 $|BC|=2|EB|$, Alan(ABCD) $= 72$ cm^2 olduğuna göre,
 $|DC|$ kaç cm dir?

- A) $4\sqrt{2}$ B) $5\sqrt{2}$ C) $6\sqrt{2}$ D) $7\sqrt{2}$ E) $8\sqrt{2}$

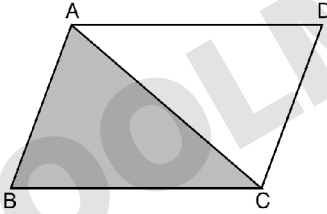
59



ABCD paralelkenar, $[AC]$ ve $[BD]$ köşegen
 Alan(ABCD) $= 18$ cm^2 olduğuna göre,
 Alan(AED) kaç cm^2 dir?

- A) $\frac{7}{2}$ B) 4 C) $\frac{9}{2}$ D) 5 E) $\frac{11}{2}$

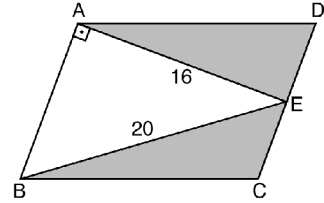
56



ABCD paralelkenar, Alan(ABCD) $= 15$ cm^2
 olduğuna göre, Alan(ABC) kaç cm^2 dir?

- A) $\frac{17}{2}$ B) 8 C) $\frac{15}{2}$ D) 7 E) $\frac{13}{2}$

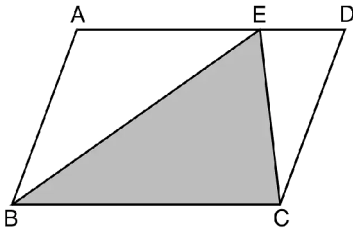
60



ABCD paralelkenar, $[AB] \perp [AE]$, $|AE|=16$ cm
 $|BE|=20$ cm olduğuna göre, taralı bölgelerin
 alanları toplamı kaç cm^2 dir?

- A) 160 B) 135 C) 120 D) 100 E) 96

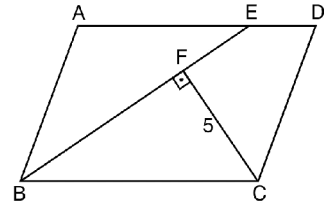
57



ABCD paralelkenar, Alan(ABCD) $= \text{Alan}(BEC) + 14$
 olduğuna göre, Alan(BEC) kaç cm^2 dir?

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

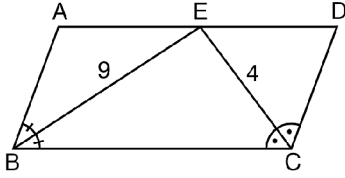
61



ABCD paralelkenar, $[CF] \perp [BE]$, $|CF|=5$ cm
 $|BE|=8$ cm olduğuna göre, Alan(ABCD)
 kaç cm^2 dir?

- A) 35 B) 40 C) 45 D) 48 E) 56

62

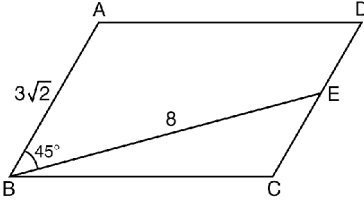


ABCD paralelkenar, [BE] ve [CE] açıortay, $|EB| = 9$ cm
 $|EC| = 4$ cm olduğuna göre, Alan(ABCD)

kaç cm^2 dir?

- A) 24 B) 27 C) 32 D) 36 E) 45

63

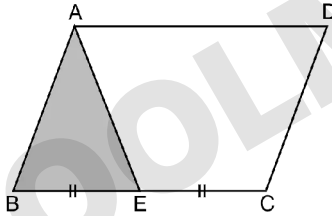


ABCD paralelkenar, $m(\widehat{ABE}) = 45^\circ$, $|AB| = 3\sqrt{2}$ cm
 $|BE| = 8$ cm olduğuna göre, Alan(ABCD)

kaç cm^2 dir?

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

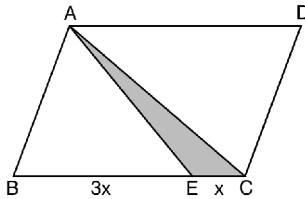
64



ABCD paralelkenar, $|BE| = |EC|$, Alan(ABCD) = 24 cm^2
 olduğuna göre, Alan(ABE) kaç cm^2 dir?

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

65

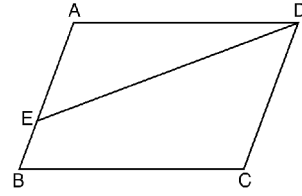


ABCD paralelkenar, $|BE| = 3x$, $|EC| = x$
 Alan(ACD) = 12 cm^2 olduğuna göre, Alan(AEC)

kaç cm^2 dir?

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

66

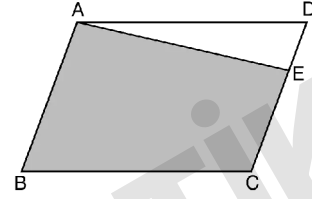


ABCD paralelkenar, $\frac{|EB|}{|AE|} = \frac{2}{5}$, Alan(AED) = 15 cm^2

olduğuna göre, Alan(ABCD) kaç cm^2 dir?

- A) 30 B) 32 C) 35 D) 40 E) 42

67

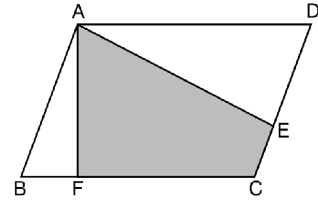


ABCD paralelkenar, Alan(AED) = $2\sqrt{3} \text{ cm}^2$
 $|EC| = 2|DE|$ olduğuna göre, Alan(ABCE)

kaç cm^2 dir?

- A) $15\sqrt{3}$ B) $12\sqrt{3}$ C) $10\sqrt{3}$ D) $9\sqrt{3}$ E) $8\sqrt{3}$

68

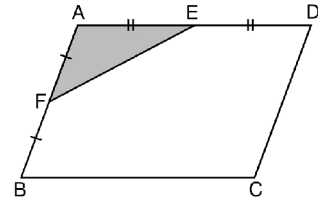


ABCD paralelkenar, $|FC| = 3|BF|$, $|DE| = 3|EC|$
 Alan(ABF) = 7 cm^2 olduğuna göre, Alan(AFCE)

kaç cm^2 dir?

- A) 21 B) 24 C) 27 D) 28 E) 35

69

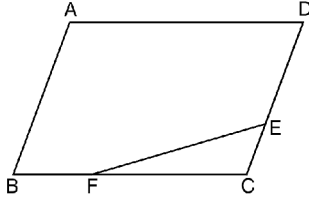


ABCD paralelkenar, $|AE| = |DE|$, $|AF| = |BF|$
 Alan(ABCD) = 32 cm^2 olduğuna göre, Alan(AEF)

kaç cm^2 dir?

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

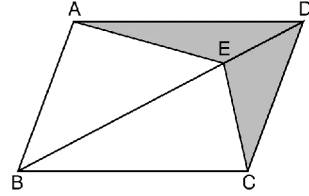
70



ABCD paralelkenar, $|FC| = 2|BF|$, $|DE| = 2|EC|$
 $\text{Alan}(\text{CEF}) = 4 \text{ cm}^2$ olduğuna göre, $\text{Alan}(\text{ABCD})$
 kaç cm^2 dir?

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

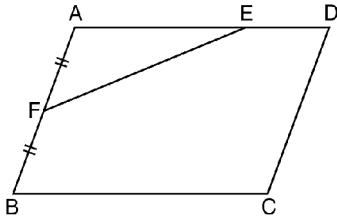
74



ABCD paralelkenar, [BD] köşegen
 $\text{Alan}(\text{AED}) = (x+7) \text{ cm}^2$, $\text{Alan}(\text{DEC}) = (3x-15) \text{ cm}^2$
 olduğuna göre, taralı bölgelerin alanları toplamı
 kaç cm^2 dir?

- A) 20 B) 24 C) 28 D) 32 E) 36

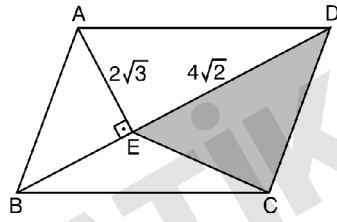
71



ABCD paralelkenar, $|AF| = |BF|$, $|AE| = 3|ED|$
 olduğuna göre, $\frac{\text{Alan}(\text{AEF})}{\text{Alan}(\text{ABCD})}$ oranı kaçtır?

- A) $\frac{3}{8}$ B) $\frac{2}{7}$ C) $\frac{1}{4}$ D) $\frac{3}{16}$ E) $\frac{2}{15}$

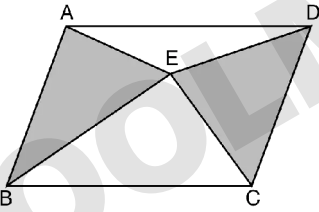
75



ABCD paralelkenar, $[AE] \perp [BD]$, $|AE| = 2\sqrt{3} \text{ cm}$
 $|ED| = 4\sqrt{2} \text{ cm}$ olduğuna göre,
 $\text{Alan}(\text{DEC})$ kaç cm^2 dir?

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

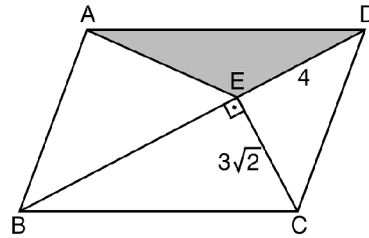
72



ABCD paralelkenar, $\text{Alan}(\text{AEB}) = 7 \text{ cm}^2$
 $\text{Alan}(\text{DEC}) = 11 \text{ cm}^2$ olduğuna göre, $\text{Alan}(\text{ABCD})$
 kaç cm^2 dir?

- A) 18 B) 24 C) 28 D) 32 E) 36

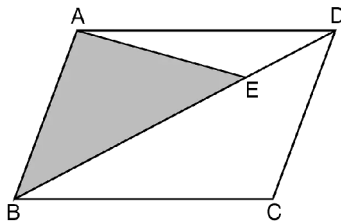
76



ABCD paralelkenar, $[CE] \perp [BD]$, $|EC| = 3\sqrt{2} \text{ cm}$
 $|ED| = 4 \text{ cm}$ olduğuna göre, $\text{Alan}(\text{AED})$ kaç cm^2 dir?

- A) $4\sqrt{2}$ B) $5\sqrt{2}$ C) $6\sqrt{2}$ D) $7\sqrt{2}$ E) $8\sqrt{2}$

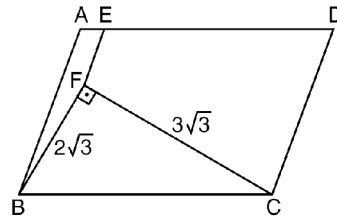
73



ABCD paralelkenar, $\frac{|ED|}{|BE|} = \frac{2}{5}$, $\text{Alan}(\text{BCD}) = 35 \text{ cm}^2$
 olduğuna göre, $\text{Alan}(\text{AEB})$ kaç cm^2 dir?

- A) 20 B) 22 C) 24 D) 25 E) 27

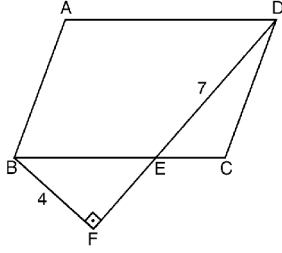
77



ABCD paralelkenar, $[AB] \parallel [EF]$, $[BF] \perp [FC]$
 $|DC| = 3|EF|$, $|BF| = 2\sqrt{3} \text{ cm}$, $|FC| = 3\sqrt{3} \text{ cm}$
 olduğuna göre, $\text{Alan}(\text{ABCD})$ kaç cm^2 dir?

- A) 27 B) 30 C) 36 D) 40 E) 42

78



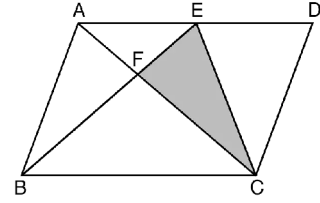
ABCD paralelkenar, $[BF] \perp [DF]$, $|BE| = 2|EC|$

$|BF| = 4$ cm, $|DE| = 7$ cm olduğuna göre,

Alan(ABCD) kaç cm^2 dir?

- A) 52 B) 50 C) 48 D) 45 E) 42

82

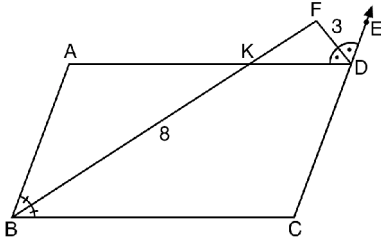


ABCD paralelkenar, $[AC] \cap [BE] = \{F\}$

Alan(ABF) = 7 cm^2 olduğuna göre, Alan(EFC) kaç cm^2 dir?

- A) $\frac{11}{2}$ B) 6 C) $\frac{13}{2}$ D) 7 E) 8

79



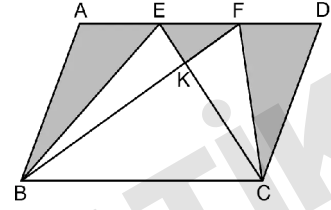
ABCD paralelkenar, C, D, E doğrusal, $2|AK| = 3|DK|$

$m(\widehat{ABF}) = m(\widehat{FBC})$, $m(\widehat{ADF}) = m(\widehat{FDE})$, $|DF| = 3$ cm

$|BK| = 8$ cm olduğuna göre, Alan(ABCD) kaç cm^2 dir?

- A) 65 B) 60 C) 55 D) 50 E) 45

83

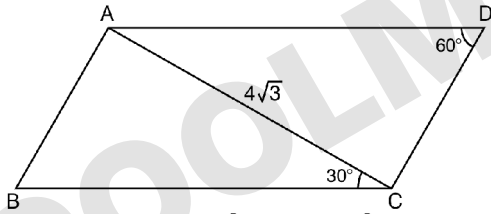


ABCD paralelkenar, $[EC] \cap [BF] = \{K\}$

Alan(BKC) = 15 cm^2 olduğuna göre, taralı bölgelerin alanları toplamı kaç cm^2 dir?

- A) 12 B) 13 C) 14 D) 15 E) 16

80



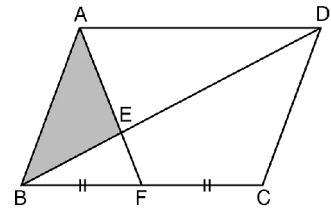
ABCD paralelkenar, $m(\widehat{ACB}) = 30^\circ$, $m(\widehat{ADC}) = 60^\circ$

$|AC| = 4\sqrt{3}$ cm olduğuna göre, Alan(ABCD)

kaç cm^2 dir?

- A) $12\sqrt{3}$ B) $15\sqrt{3}$ C) $16\sqrt{3}$ D) $18\sqrt{3}$ E) $20\sqrt{3}$

84

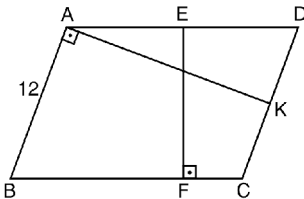


ABCD paralelkenar, $[AF] \cap [BD] = \{E\}$, $|BF| = |FC|$

Alan(BEF) = 4 cm^2 olduğuna göre, Alan(ABE) kaç cm^2 dir?

- A) 10 B) 8 C) 7 D) 6 E) 4

81



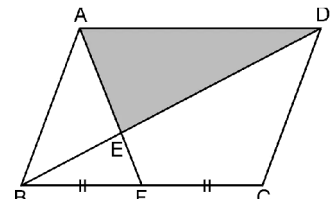
ABCD paralelkenar, $[AB] \perp [AK]$, $[EF] \perp [BC]$

$|AB| = 12$ cm, $|AD| = 15$ cm olduğuna göre,

$\frac{|EF|}{|AK|}$ oranı kaçtır?

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

85



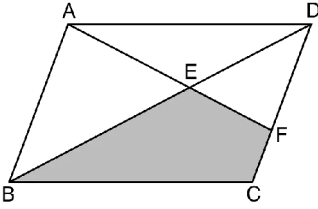
ABCD paralelkenar, $[AF] \cap [BD] = \{E\}$, $|BF| = |FC|$

Alan(BEF) = 6 cm^2 olduğuna göre, Alan(AED)

kaç cm^2 dir?

- A) 24 B) 20 C) 18 D) 15 E) 12

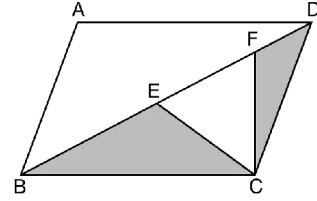
86



ABCD paralelkenar, $[AF] \cap [BD] = \{E\}$, $|DF| = 2|FC|$
 Alan(DEF) = 4 cm² olduğuna göre, Alan(BEFC)
 kaç cm² dir?

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

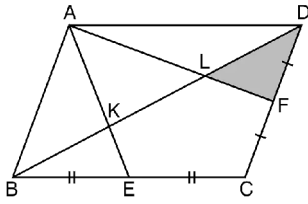
90



ABCD paralelkenar, [BD] köşegen, CEF eşkenar üçgen
 $|BD| = 3|EF|$, $|BE| + |FD| = 12$ cm olduğuna göre,
 taralı bölgelerin alanları toplamı kaç cm² dir?

- A) $12\sqrt{3}$ B) $15\sqrt{3}$ C) $18\sqrt{3}$ D) $21\sqrt{3}$ E) $24\sqrt{3}$

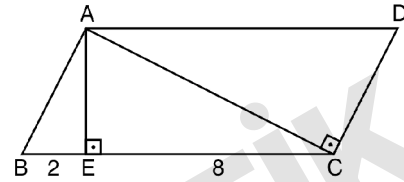
87



ABCD paralelkenar, [BD] köşegen, $[AE] \cap [AF] = \{A\}$
 Alan(ABK) = 9 cm², $|BE| = |EC|$, $|CF| = |FD|$
 olduğuna göre, Alan(DFL) kaç cm² dir?

- A) 10 B) 9 C) 6 D) $\frac{9}{2}$ E) $\frac{7}{2}$

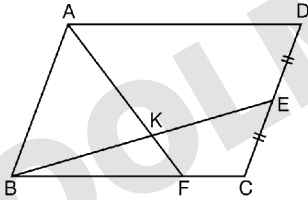
91



ABCD paralelkenar, $[AC] \perp [DC]$, $[AE] \perp [BC]$
 $|BE| = 2$ cm, $|EC| = 8$ cm olduğuna göre,
 Alan(ABCD) kaç cm² dir?

- A) 40 B) 42 C) 45 D) 48 E) 50

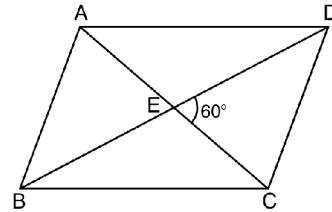
88



ABCD paralelkenar, $[AF] \cap [BE] = \{K\}$, $|DE| = |EC|$
 $|BF| = 4|FC|$, Alan(BKF) = 3 cm² olduğuna göre,
 Alan(ABK) kaç cm² dir?

- A) $\frac{15}{2}$ B) 7 C) $\frac{13}{2}$ D) 6 E) $\frac{11}{2}$

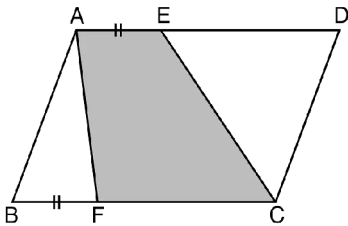
92



ABCD paralelkenar, $[AC] \cap [BD] = \{E\}$, $m(\widehat{DEC}) = 60^\circ$
 $|AC| = 4\sqrt{3}$ cm, $|BD| = 3\sqrt{6}$ cm olduğuna göre,
 Alan(ABCD) kaç cm² dir?

- A) $8\sqrt{6}$ B) $9\sqrt{6}$ C) $10\sqrt{6}$ D) $12\sqrt{6}$ E) $15\sqrt{6}$

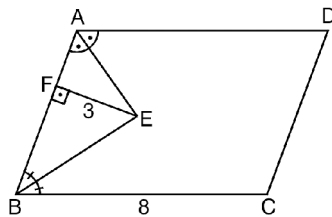
89



ABCD paralelkenar, $|AE| = |BF|$, Alan(ABCD) = 38 cm²
 olduğuna göre, Alan(AECF) kaç cm² dir?

- A) 15 B) 16 C) 17 D) 18 E) 19

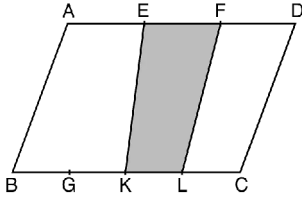
93



ABCD paralelkenar, [AE] ve [BE] açıortay, $[EF] \perp [AB]$
 $|EF| = 3$ cm, $|BC| = 8$ cm olduğuna göre,
 Alan(ABCD) kaç cm² dir?

- A) 40 B) 42 C) 45 D) 48 E) 50

94

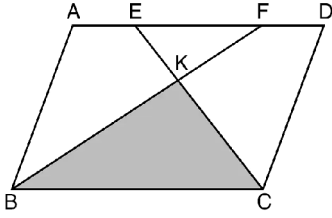


ABCD paralelkenar, $[AD]$ 3 eşit, $[BC]$ 4 eşit parçaya ayrılıyor.

Buna göre, taralı bölgenin alanının ABCD paralelkenarının alanına kaçtır?

- A) $\frac{1}{4}$ B) $\frac{7}{24}$ C) $\frac{5}{24}$ D) $\frac{1}{6}$ E) $\frac{3}{24}$

95



ABCD paralelkenar, $[BF] \cap [EC] = \{K\}$

$|AE| + |DF| = |EF|$, $\text{Alan}(EKF) = 6 \text{ cm}^2$

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

- A) 15 B) 18 C) 20 D) 21 E) 24

CEVAP ANAHTARI

No	Cevap	No	Cevap
1.	C	49.	E
2.	E	50.	B
3.	D	51.	E
4.	A	52.	D
5.	E	53.	C
6.	E	54.	A
7.	B	55.	C
8.	E	56.	C
9.	B	57.	A
10.	D	58.	A
11.	C	59.	C
12.	C	60.	E
13.	B	61.	B
14.	D	62.	D
15.	A	63.	E
16.	D	64.	C
17.	C	65.	B
18.	B	66.	E
19.	A	67.	C
20.	E	68.	D
21.	B	69.	A
22.	E	70.	B
23.	C	71.	D
24.	E	72.	E
25.	D	73.	D
26.	E	74.	E
27.	C	75.	C
28.	D	76.	C
29.	A	77.	A
30.	B	78.	E
31.	B	79.	B
32.	D	80.	C
33.	C	81.	E
34.	E	82.	D
35.	A	83.	D
36.	B	84.	B
37.	E	85.	A
38.	B	86.	C
39.	C	87.	D
40.	E	88.	A
41.	A	89.	E
42.	B	90.	C
43.	C	91.	A
44.	E	92.	B
45.	D	93.	D
46.	B	94.	B
47.	A	95.	E
48.	B		