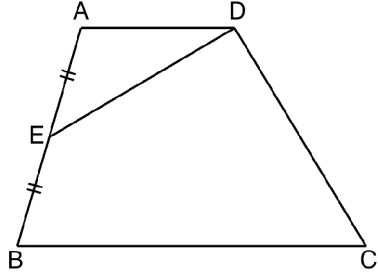
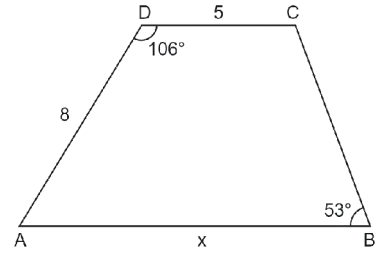


- 1 ABCD yamuk
 $|AE| = |BE|$
 $|BC| = 5|AD|$
 $\text{Alan}(\triangle AED) = 3 \text{ cm}^2$
olduğuna göre,
 $\text{Alan}(ABCD)$
kaç cm^2 dir?



- A) 36 B) 38 C) 40 D) 42 E) 45

4

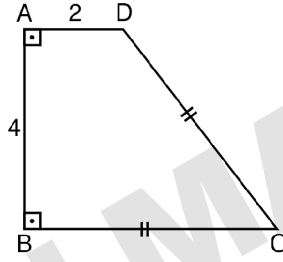


ABCD bir yamuk
 $|DC| = 5 \text{ cm}$
 $|AD| = 8 \text{ cm}$
 $m(\widehat{ADC}) = 106^\circ$
 $m(\widehat{ABC}) = 53^\circ$

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

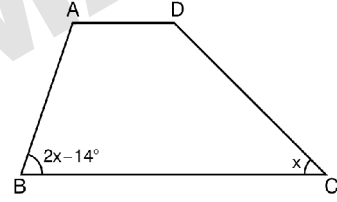
- A) 10 B) 11 C) 12 D) 13 E) 14

- 2 ABCD dik yamuk
 $|DC| = |BC|$
 $|AB| = 4 \text{ cm}$
 $|AD| = 2 \text{ cm}$
olduğuna göre,
 $\text{Alan}(ABCD)$
kaç cm^2 dir?



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

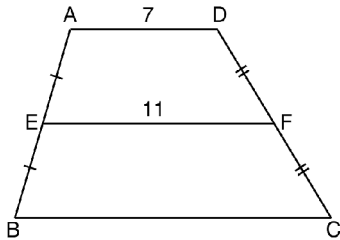
5



ABCD yamuk, $m(\widehat{BAD}) = m(\widehat{ABC}) + 36^\circ$, $m(\widehat{BCD}) = x$
 $m(\widehat{ABC}) = 2x - 14^\circ$ olduğuna göre,
 $m(\widehat{ADC})$ kaç derecedir?

- A) 136 B) 137 C) 140 D) 143 E) 147

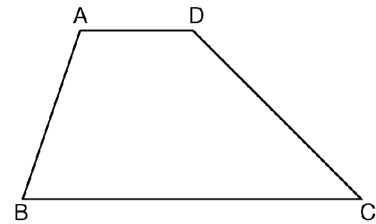
3



ABCD yamuk, $|AE| = |BE|$, $|DF| = |CF|$, $|AD| = 7 \text{ cm}$
 $|EF| = 11 \text{ cm}$ olduğuna göre, $|BC|$ kaç cm dir?

- A) 14 B) 15 C) 17 D) 18 E) 19

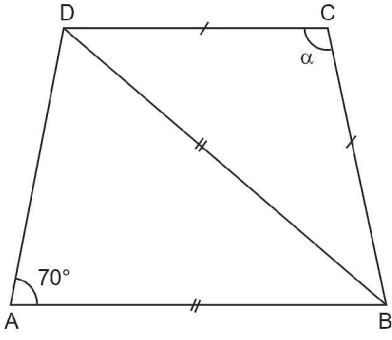
6



ABCD yamuk, $m(\widehat{ADC}) = 4m(\widehat{BCD})$ olduğuna göre,
 $m(\widehat{ADC})$ kaç derecedir?

- A) 120 B) 135 C) 144 D) 145 E) 150

7



ABCD bir yamuk

$$|AB| = |DC|$$

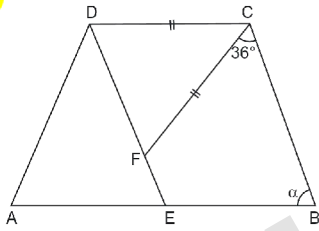
$$|AD| = |BC|$$

$$m(\widehat{BAD}) = 70^\circ$$

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

- A) 95 B) 100 C) 105 D) 110 E) 120

8



ABCD bir yamuk

ADE eşkenar üçgen

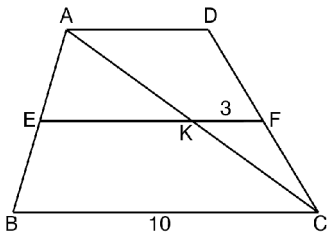
$$|DC| = |CF|$$

$$m(\widehat{FCB}) = 36^\circ$$

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

- A) 84 B) 81 C) 76 D) 72 E) 68

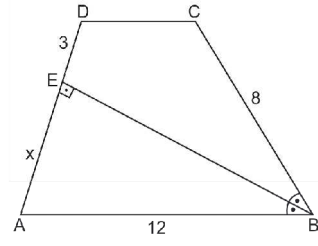
9



ABCD yamuk, [EF] orta taban, [AC] köşegen
 $|KF| = 3$ cm, $|BC| = 10$ cm olduğuna göre,
 $|AD| + |EK|$ toplamı kaç cm dir?

- A) 11 B) 12 C) 13 D) 14 E) 15

10



ABCD bir

yamuk

[BE] açıortay

[BE] $\perp$ [AD]

$$|BC| = 8$$
 cm

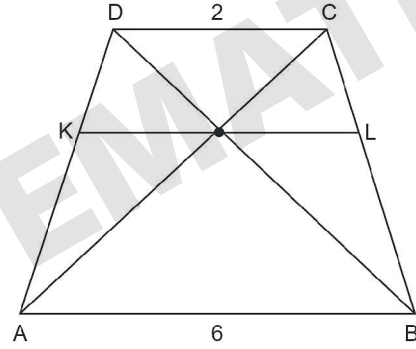
$$|AB| = 12$$
 cm

$$|DE| = 3$$
 cm

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

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

11



ABCD bir yamuk

[AB] // [KL] // [DC]

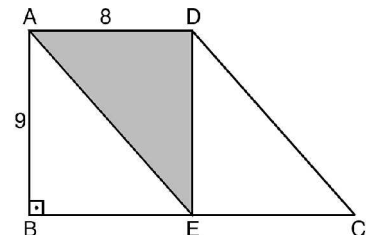
$$|DC| = 2$$
 cm

$$|AB| = 6$$
 cm

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

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

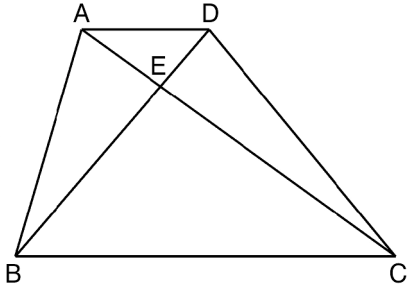
12



ABCD dik yamuk, $|AB| = 9$ cm, $|AD| = 8$ cm
 olduğuna göre, Alan(AED) kaç cm^2 dir?

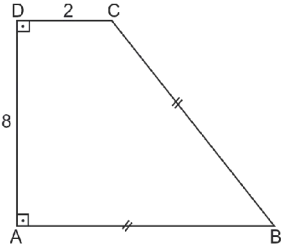
- A) 54 B) 48 C) 45 D) 40 E) 36

- 13 ABCD yamuk
 $[AC] \cap [BD] = \{E\}$
 $|BC| = 3|AD|$
 $\text{Alan}(AED) = 2 \text{ cm}^2$
olduğuna göre,
 $\text{Alan}(ABCD)$
kaç cm^2 dir?



- A) 48 B) 42 C) 40 D) 36 E) 32

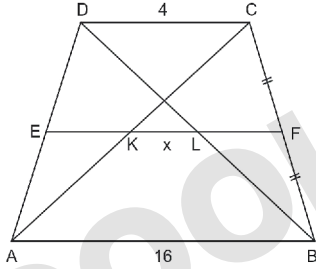
- 14 ABCD bir dik yamuk
 $|DC| = 2 \text{ cm}$
 $|AD| = 8 \text{ cm}$



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

- A) 10 B) 12 C) 13 D) 15 E) 17

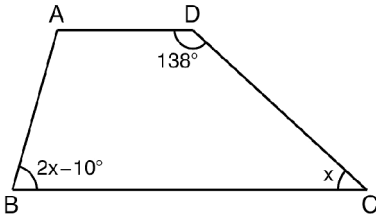
- 15 ABCD bir yamuk
 $[DC] \parallel [EF] \parallel [AB]$
 $|DC| = 4 \text{ cm}$
 $|AB| = 16 \text{ cm}$



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

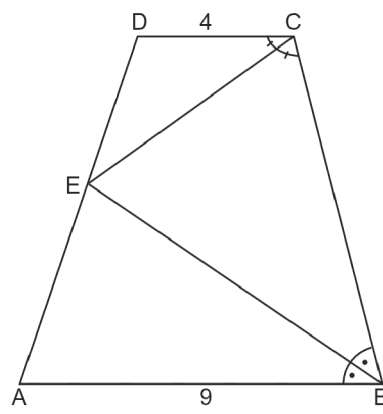
- A) 4 B) 5 C) 6 D) 7 E) 8

- 16 ABCD yamuk, $m(\widehat{ADC}) = 138^\circ$, $m(\widehat{ABC}) = 2x - 10^\circ$
 $m(\widehat{BCD}) = x$ olduğuna göre, $m(\widehat{BAD})$ kaç derecedir?



- A) 120 B) 112 C) 106 D) 100 E) 96

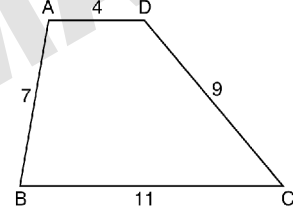
- 17 ABCD bir yamuk
 $[EC]$, $[BE]$ açıortay
 $|DC| = 4 \text{ cm}$
 $|AB| = 9 \text{ cm}$



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

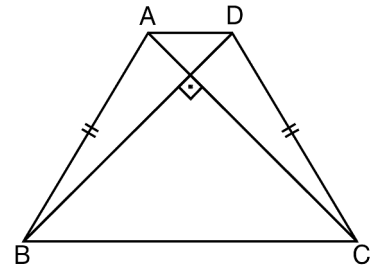
- A) 11 B) 12 C) 13 D) 14 E) 15

- 18 ABCD yamuk, $|AB| = 7 \text{ cm}$, $|AD| = 4 \text{ cm}$, $|DC| = 9 \text{ cm}$
 $|BC| = 11 \text{ cm}$ olduğuna göre, yamuğun çevresi kaç cm dir?



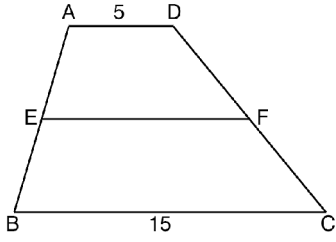
- A) 27 B) 28 C) 30 D) 31 E) 32

- 19 ABCD ikizkenar yamuk
 $[AC] \perp [BD]$
olduğuna göre,
 $m(\widehat{ACB})$
kaç derecedir?



- A) 30 B) 35 C) 37 D) 42 E) 45

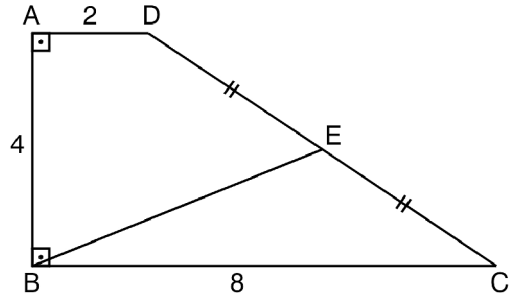
20



ABCD yamuk, $[EF]$ orta taban, $|AD| = 5$ cm
 $|BC| = 15$ cm olduğuna göre, $|EF|$ kaç cm dir?

- A) 14 B) 13 C) 12 D) 10 E) 8

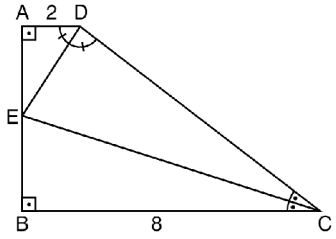
23



ABCD dik yamuk, $|DE| = |EC|$, $|AD| = 2$ cm
 $|AB| = 4$ cm, $|BC| = 8$ cm olduğuna göre,
 $|BE|$ kaç cm dir?

- A) $\sqrt{29}$ B) $4\sqrt{2}$ C) 6 D) $4\sqrt{3}$ E) 8

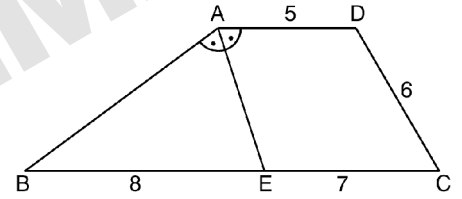
21



ABCD dik yamuk, $[DE]$ ve $[CE]$ açıortay, $|AD| = 2$ cm
 $|BC| = 8$ cm olduğuna göre, $|DC|$ kaç cm dir?

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

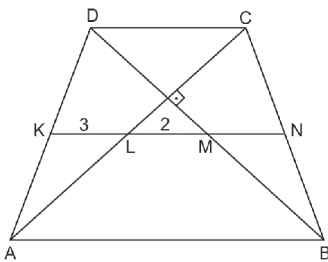
24



ABCD yamuk, $[AE]$ açıortay, $|AD| = 5$ cm, $|DC| = 6$ cm
 $|BE| = 8$ cm, $|EC| = 7$ cm olduğuna göre,
 $\text{Çevre}(ABCD)$ kaç cm dir?

- A) 34 B) 36 C) 38 D) 40 E) 42

22



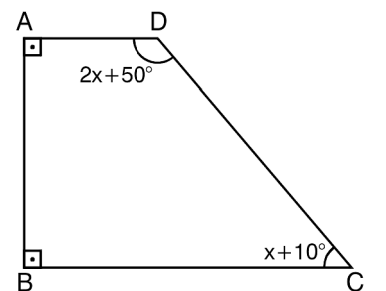
ABCD bir yamuk
 $[KN]$ orta taban
 $[AC] \perp [BD]$
 $|AC| = |BD|$
 $|KL| = 3$ cm
 $|LM| = 2$ cm

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

- A) 25 B) 35 C) 49 D) 64 E) 72

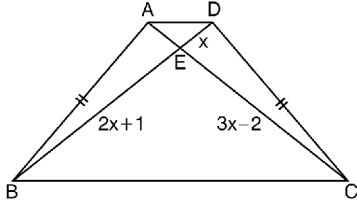
25

ABCD dik yamuk
 $m(\widehat{BCD}) = x + 10^\circ$
 $m(\widehat{ADC}) = 2x + 50^\circ$
 olduğuna göre,
 $m(\widehat{ADC})$
 kaç derecedir?



- A) 108 B) 110 C) 112 D) 120 E) 130

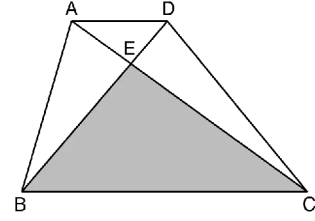
26



ABCD ikizkenar yamuk, $|ED| = x$ cm, $|BE| = (2x+1)$ cm
 $|EC| = (3x-2)$ cm olduğuna göre, $|AC| + |BD|$
 toplamı kaç cm dir?

- A) 20 B) 18 C) 16 D) 15 E) 14

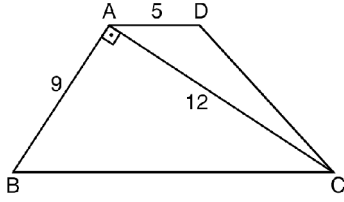
30



ABCD yamuk, $[AC] \cap [BD] = \{E\}$, $|BC| = 2|AD|$
 $\text{Alan}(DEC) = 8 \text{ cm}^2$ olduğuna göre, $\text{Alan}(BEC)$
 kaç cm^2 dir?

- A) 8 B) 12 C) 16 D) 20 E) 24

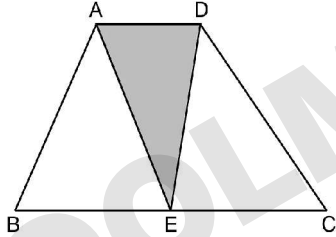
27



ABCD yamuk, $[AB] \perp [AC]$, $|AB| = 9$ cm, $|AC| = 12$ cm
 $|AD| = 5$ cm olduğuna göre, $\text{Alan}(ABCD)$
 kaç cm^2 dir?

- A) 64 B) 72 C) 80 D) 88 E) 96

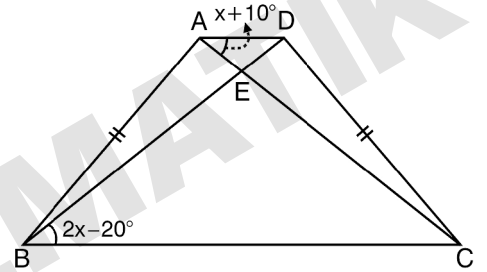
28



ABCD yamuk, $|BC| = 3|AD|$, $\text{Alan}(ABCD) = 44 \text{ cm}^2$
 olduğuna göre, $\text{Alan}(AED)$ kaç cm^2 dir?

- A) 22 B) 16 C) 13 D) 11 E) 9

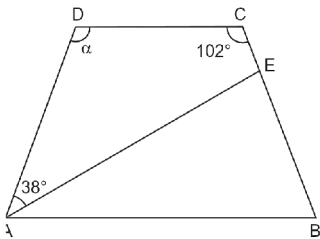
31



ABCD ikizkenar yamuk, $m(\widehat{DAC}) = x + 10^\circ$
 $m(\widehat{DBC}) = 2x - 20^\circ$ olduğuna göre,
 $m(\widehat{BEC})$ kaç derecedir?

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

29

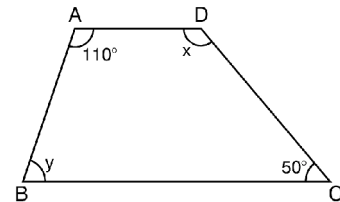


ABCD bir yamuk
 $|AE| = |AB|$
 $m(\widehat{DAE}) = 38^\circ$
 $m(\widehat{BCD}) = 102^\circ$

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

- A) 102 B) 108 C) 114 D) 118 E) 124

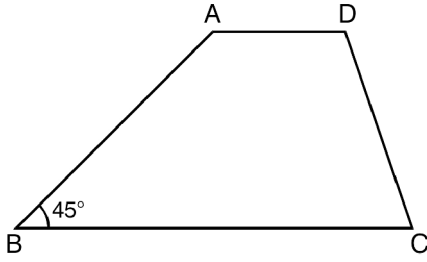
32



ABCD yamuk, $m(\widehat{BAD}) = 110^\circ$, $m(\widehat{BCD}) = 50^\circ$
 $m(\widehat{ADC}) = x$, $m(\widehat{ABC}) = y$ olduğuna göre,
 $x - y$ farkı kaçtır?

- A) 60 B) 55 C) 50 D) 45 E) 40

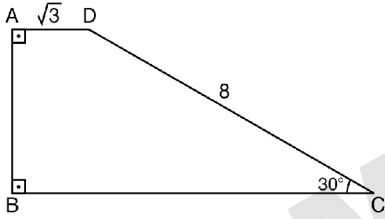
33



ABCD yamuk, $m(\widehat{ABC}) = 45^\circ$, $|AD| + |BC| = 24$ cm
 $\text{Alan}(ABCD) = 48 \text{ cm}^2$ olduğuna göre, $|AB|$
 kaç cm dir?

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

34

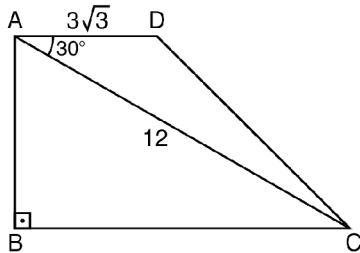


ABCD dik yamuk, $m(\widehat{BCD}) = 30^\circ$, $|AD| = \sqrt{3}$ cm
 $|DC| = 8$ cm olduğuna göre, $|BC|$ kaç cm dir?

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

35

ABCD dik yamuk
 $m(\widehat{DAC}) = 30^\circ$
 $|AC| = 12$ cm
 $|AD| = 3\sqrt{3}$ cm
 olduğuna göre,
 $\text{Alan}(ABCD)$
 kaç cm^2 dir?



- A) $21\sqrt{3}$ B) $24\sqrt{3}$ C) $27\sqrt{3}$ D) $30\sqrt{3}$ E) $32\sqrt{3}$

36

ABCD ikizkenar

yamuk

$[AE] \perp [BC]$

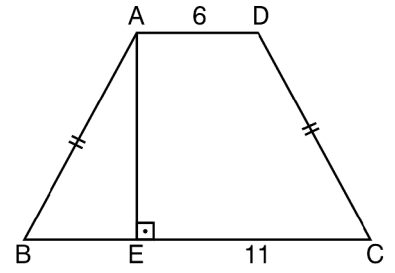
$|AD| = 6$ cm

$|EC| = 11$ cm

olduğuna göre,

$|BE|$ kaç cm dir?

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

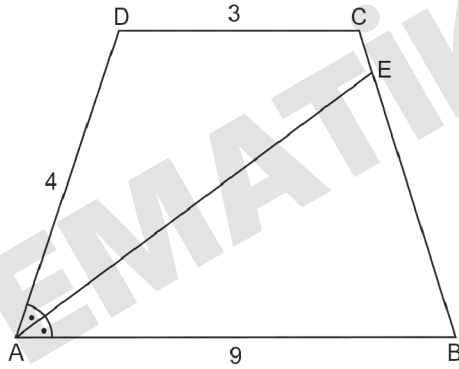


37

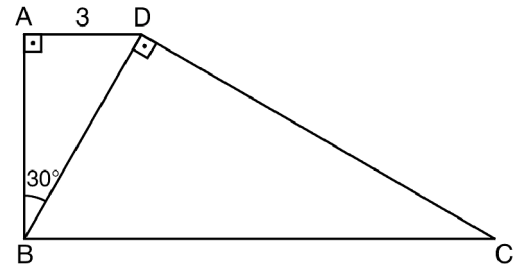
ABCD bir yamuk
 $[AE]$ açıortay
 $|DC| = 3$ cm
 $|AD| = 4$ cm
 $|AB| = 9$ cm

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

- A) $\frac{1}{3}$ B) $\frac{4}{9}$ C) $\frac{1}{6}$ D) $\frac{1}{9}$ E) $\frac{2}{7}$



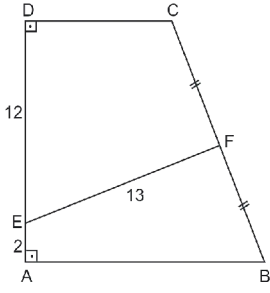
38



ABCD dik yamuk, $[BD] \perp [DC]$, $m(\widehat{ABD}) = 30^\circ$
 $|AD| = 3$ cm olduğuna göre, $\text{Alan}(ABCD)$
 kaç cm^2 dir?

- A) $21\sqrt{3}$ B) $\frac{45\sqrt{3}}{2}$ C) $24\sqrt{3}$ D) $\frac{49\sqrt{3}}{2}$ E) $25\sqrt{3}$

39

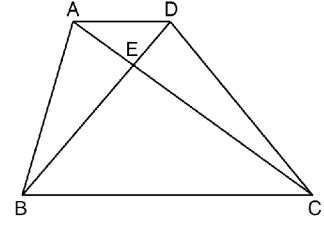


ABCD bir dik yamuk
 $|CF| = |FB|$
 $|DE| = 12$ cm
 $|EA| = 2$ cm
 $|EF| = 13$ cm

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

- A) 112 B) 126 C) 138 D) 148 E) 168

43



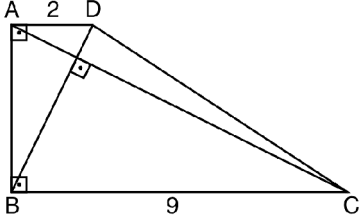
ABCD yamuk, $[AC] \cap [BD] = \{E\}$, $|BC| = 4|AD|$

Alan(AED) = 2 cm^2 olduğuna göre,

Alan(BEC) kaç cm^2 dir?

- A) 24 B) 32 C) 40 D) 48 E) 56

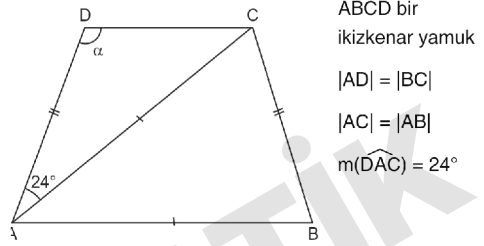
40



ABCD dik yamuk, $[AC] \perp [BD]$, $|AD| = 2$ cm
 $|BC| = 9$ cm olduğuna göre, $|AB|$ kaç cm dir?

- A) $\sqrt{10}$ B) $2\sqrt{3}$ C) $\sqrt{15}$ D) $3\sqrt{2}$ E) $2\sqrt{5}$

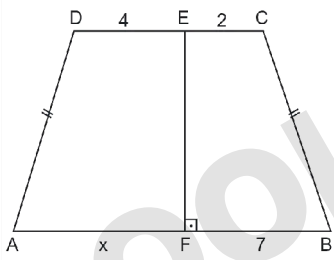
44



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

- A) 124 B) 120 C) 118 D) 116 E) 112

41

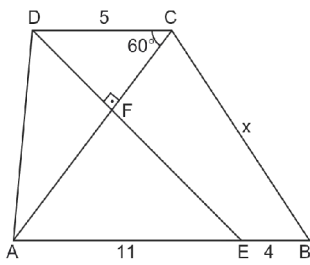


ABCD bir ikizkenar yamuk
 $|AD| = |BC|$
 $[EF] \perp [AB]$
 $|DE| = 4$ cm
 $|EC| = 2$ cm
 $|FB| = 7$ cm

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

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

45

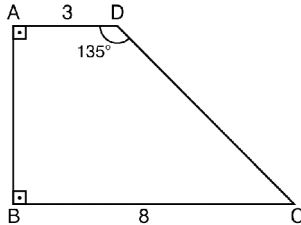


ABCD bir yamuk
 $[AC] \perp [DE]$
 $m(\widehat{ACD}) = 60^\circ$
 $|DC| = 5$ cm
 $|AE| = 11$ cm
 $|EB| = 4$ cm

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

- A) 11 B) 13 C) 15 D) 17 E) 20

42



ABCD dik yamuk, $m(\widehat{ADC}) = 135^\circ$, $|AD| = 3$ cm
 $|BC| = 8$ cm olduğuna göre, $|DC|$ kaç cm dir?

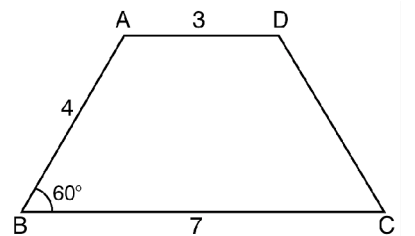
- A) $5\sqrt{2}$ B) $4\sqrt{2}$ C) 5 D) $3\sqrt{2}$ E) 4

46

ABCD yamuk
 $m(\widehat{ABC}) = 60^\circ$
 $|AD| = 3$ cm
 $|AB| = 4$ cm
 $|BC| = 7$ cm

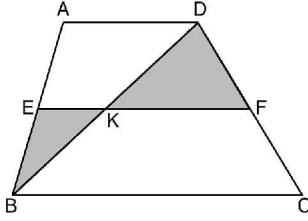
olduğuna göre,

Alan(ABCD) kaç cm^2 dir?



- A) $18\sqrt{3}$ B) $15\sqrt{3}$ C) $12\sqrt{3}$ D) $11\sqrt{3}$ E) $10\sqrt{3}$

47



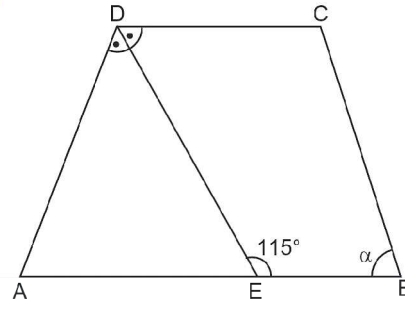
ABCD yamuk, [EF] orta taban B, K, D doğrusal

Alan(EBK) = 4 cm², Alan(DKF) = 9 cm²

olduğuna göre, Alan(ABCD) kaç cm² dir?

- A) 26 B) 39 C) 45 D) 52 E) 65

51



ABCD bir yamuk

[DE] açıortay

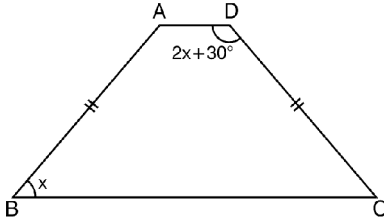
$m(\widehat{DEB}) = 115^\circ$

$$m(\widehat{BAD}) + m(\widehat{BCD}) = 180^\circ$$

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

- A) 40 B) 45 C) 50 D) 55 E) 60

48

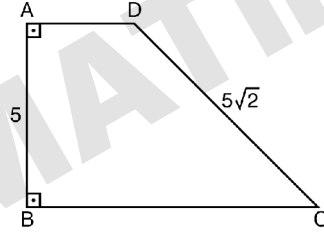


ABCD ikizkenar yamuk, $m(\widehat{ABC}) = x$, $m(\widehat{ADC}) = 2x + 30^\circ$

olduğuna göre, $m(\widehat{BAD})$ kaç derecedir?

- A) 135 B) 130 C) 125 D) 120 E) 115

52

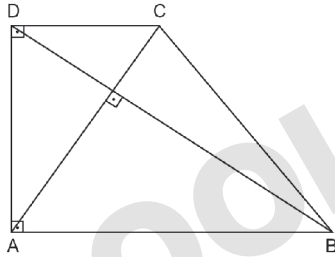


ABCD dik yamuk, $|AB| = 5$ cm, $|DC| = 5\sqrt{2}$ cm

olduğuna göre, $m(\widehat{BCD})$ kaç derecedir?

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

49



ABCD bir dik

yamuk

$[AC] \perp [BD]$

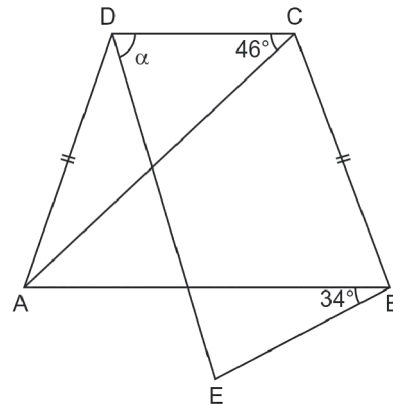
$|AC| = 6$ cm

$|AB| = 9$ cm

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

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

53



ABCD bir ikizkenar yamuk

$|AD| = |BC|$

$|AC| = |DE|$

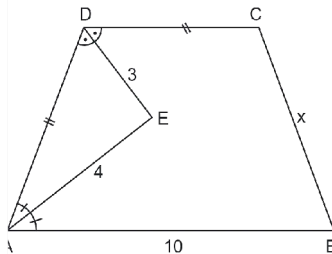
$m(\widehat{ACD}) = 46^\circ$

$m(\widehat{ABE}) = 34^\circ$

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

- A) 56 B) 60 C) 66 D) 68 E) 72

50



ABCD bir yamuk

$[AE]$, $[DE]$

açıortay

$|AD| = |DC|$

$|DE| = 3$ cm

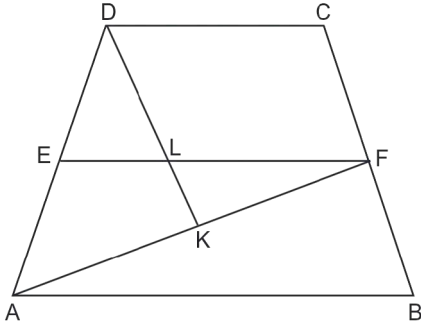
$|AE| = 4$ cm

$|AB| = 10$ cm

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

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

54



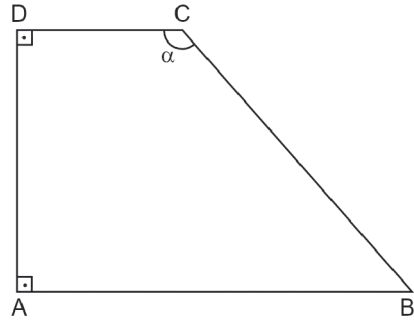
ABCD bir
yamuk
[EF] orta taban
 $|AK| = |KF|$

$$\text{Alan}(ABCD) = 60 \text{ cm}^2$$

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

- A) 8 B) 10 C) 12 D) 15 E) 20

57

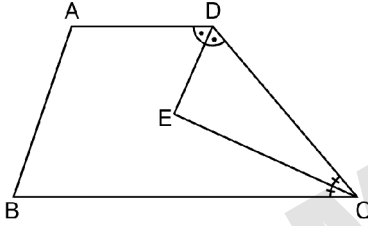


ABCD bir dik
yamuk
 $\sqrt{3}|BC| = 2|AD|$

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

- A) 100 B) 120 C) 135 D) 145 E) 150

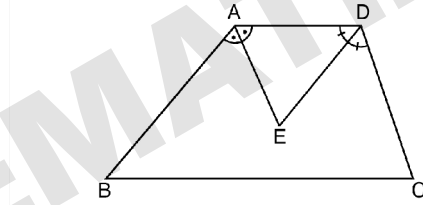
55



ABCD yamuk, [DE] ve [CE] açıortay olduğuna göre, $m(\widehat{DEC})$ kaç derecedir?

- A) 100 B) 95 C) 90 D) 85 E) 80

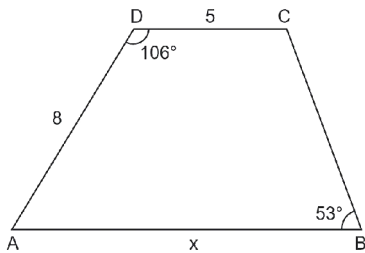
58



ABCD yamuk, [AE] ve [DE] açıortay
 $m(\widehat{BAD}) = 3m(\widehat{ABC})$, $m(\widehat{ADC}) = 2m(\widehat{BCD}) - 30^\circ$
olduğuna göre, $m(\widehat{AED})$ kaç derecedir?

- A) 40 B) 42,5 C) 50 D) 57,5 E) 65

56

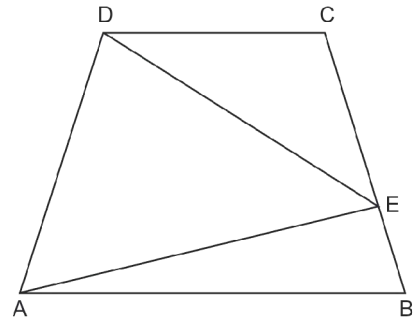


ABCD bir
yamuk
 $|DC| = 5 \text{ cm}$
 $|AD| = 8 \text{ cm}$
 $m(\widehat{ADC}) = 106^\circ$
 $m(\widehat{ABC}) = 53^\circ$

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

- A) 10 B) 11 C) 12 D) 13 E) 14

59



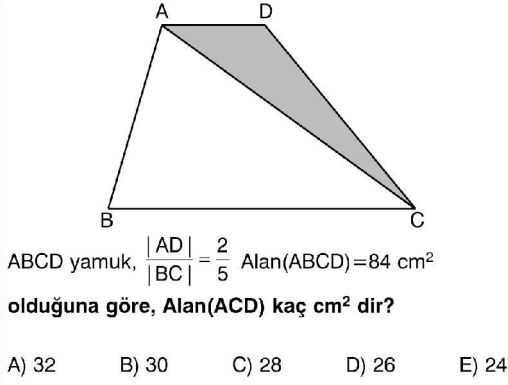
ABCD bir yamuk
[DC] // [AB]
 $2|AB| = 3|DC|$
 $|CB| = 3|BE|$

$$\text{Alan}(AED) = 24 \text{ cm}^2$$

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

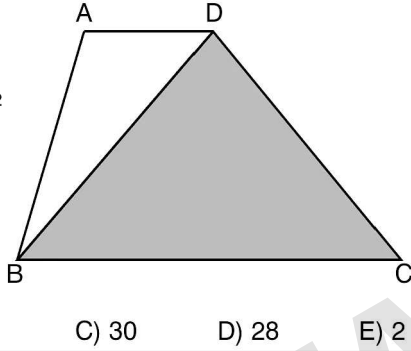
- A) 36 B) 40 C) 42 D) 45 E) 72

60

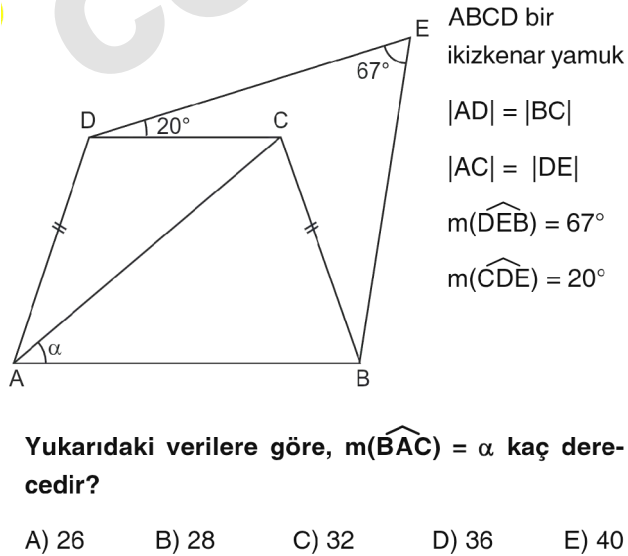


61

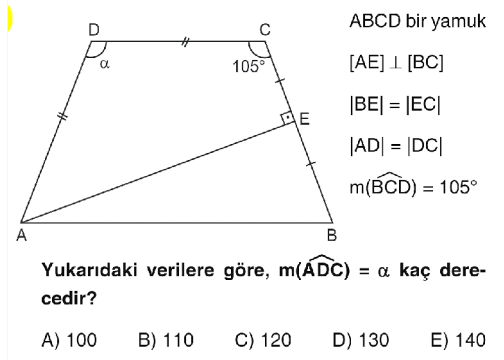
ABCD yamuk
|BC| = 3|AD|
Alan(ABD) = 7 cm²
olduğuna göre,
Alan(BCD)
kaç cm² dir?



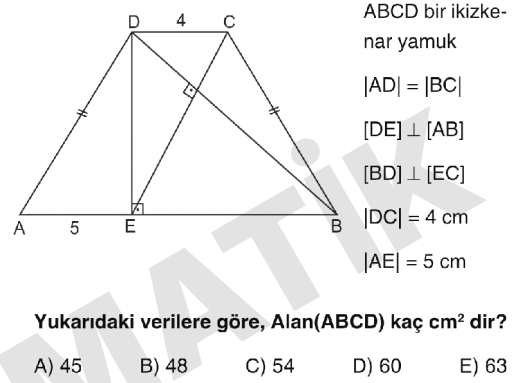
62



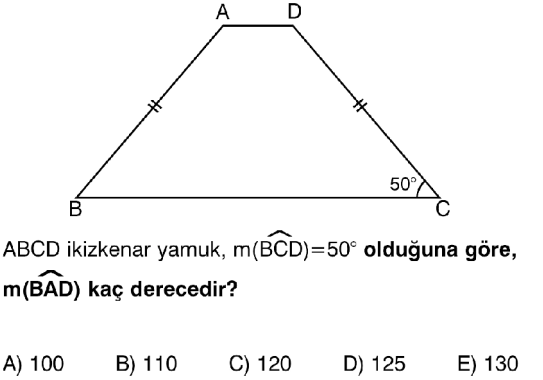
63



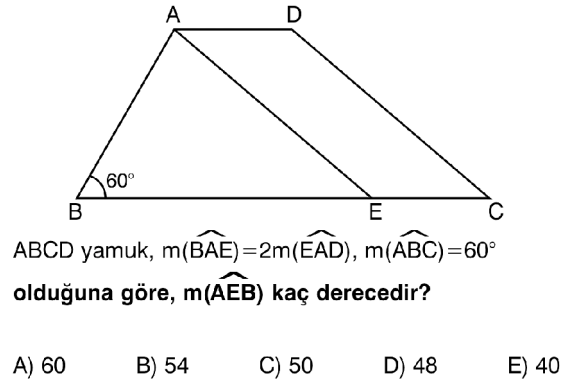
64



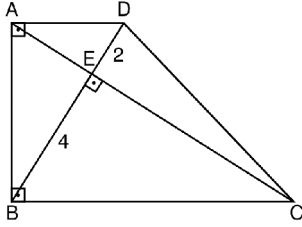
65



66



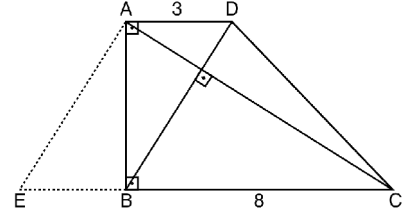
67



ABCD dik yamuk, $[AC] \perp [BD]$, $|DE| = 2$ cm
 $|BE| = 4$ cm olduğuna göre, $|EC|$ kaç cm dir?

- A) $4\sqrt{2}$ B) $\sqrt{34}$ C) $2\sqrt{10}$ D) $3\sqrt{5}$ E) $5\sqrt{2}$

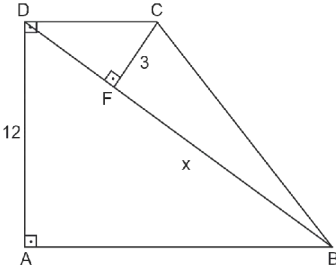
71



ABCD dik yamuk, $[AE] \parallel [BD]$, $[AD] \parallel [EC]$, $[AC] \perp [BD]$
 $|AD| = 3$ cm, $|BC| = 8$ cm olduğuna göre,
 $|AB|$ kaç cm dir?

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

68

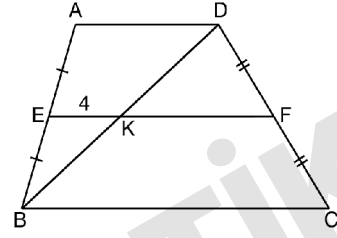


ABCD bir dik
yamuk
 $[CF] \perp [BD]$
 $|FC| = 3$ cm
 $|AD| = 12$ cm
 $|AB| = 16$ cm

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

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

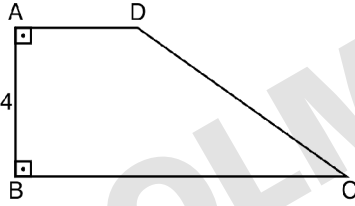
72



ABCD yamuk, $[EF] \cap [BD] = \{K\}$, $|AE| = |BE|$
 $|DF| = |FC|$, $|KF| = |AD| + 1$, $|EK| = 4$ cm
olduğuna göre, $|BC|$ kaç cm dir?

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

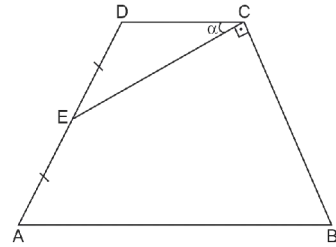
69



ABCD dik yamuk, $|AB| = 4$ cm, $|BC| = |AD| + 6$
olduğuna göre, $|DC|$ kaç cm dir?

- A) $2\sqrt{10}$ B) $5\sqrt{2}$ C) $2\sqrt{13}$ D) $2\sqrt{14}$ E) $6\sqrt{2}$

73

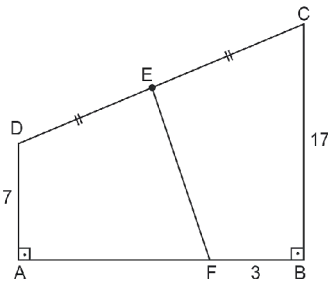


ABCD bir
ikizkenar
yamuk
 $[EC] \perp [CB]$
 $|DE| = |EA|$
 $|AD| = |BC|$
 $|AB| = 3|DC|$

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

- A) 15 B) 25 C) 30 D) 45 E) 60

70

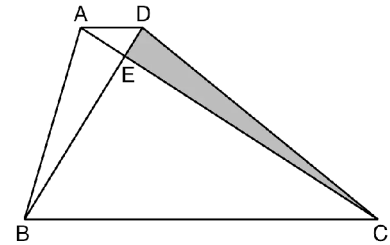


ABCD bir dik
yamuk
 $|DE| = |EC|$
 $|AF| = |FE|$
 $|FB| = 3$ cm
 $|AD| = 7$ cm
 $|BC| = 17$ cm

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

- A) 13 B) 15 C) 16 D) 18 E) 20

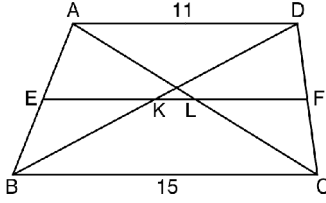
74



ABCD yamuk, $[AC] \cap [BD] = \{E\}$, $\text{Alan}(\triangle ABE) = 16$ cm²
olduğuna göre, $\text{Alan}(\triangle DEC)$ kaç cm² dir?

- A) 12 B) 14 C) 15 D) 16 E) 18

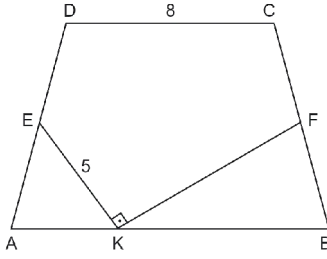
75



ABCD yamuk, $[AC]$ ve $[BD]$ köşegen, $[EF]$ orta taban
 $|AD| = 11$ cm, $|BC| = 15$ cm olduğuna göre,
 $|KL|$ kaç cm dir?

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

76

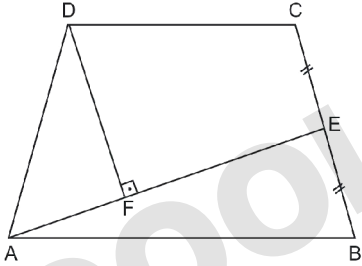


ABCD yamuk
 $[EK] \perp [KF]$
 E, F orta noktalar
 $|DC| = 8$ cm
 $|AB| = 18$ cm
 $|EK| = 5$ cm

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

- A) 90 B) 100 C) 120 D) 130 E) 140

77



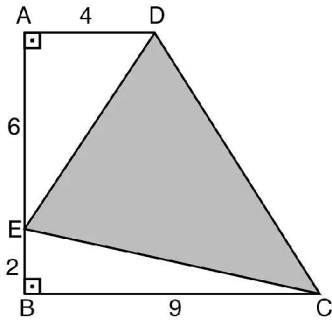
ABCD bir yamuk
 $|CE| = |EB|$
 $[DF] \perp [AE]$
 $|AE| = 9$ cm
 $|DF| = 7$ cm

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

- A) 35 B) 49 C) 56 D) 63 E) 70

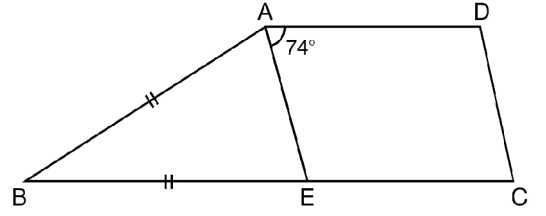
78

ABCD dik yamuk
 $|AE| = 6$ cm
 $|AD| = 4$ cm
 $|BE| = 2$ cm
 $|BC| = 9$ cm
 olduğuna göre,
 $\text{Alan}(DEC)$
 kaç cm^2 dir?



- A) 31 B) 30 C) 29 D) 28 E) 27

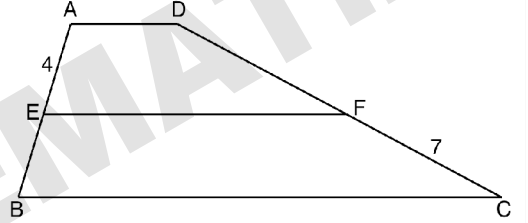
79



ABCD yamuk, $|BA| = |BE|$, $m(\widehat{EAD}) = 74^\circ$
 olduğuna göre, $m(\widehat{ABC})$ kaç derecedir?

- A) 37 B) 32 C) 28 D) 26 E) 24

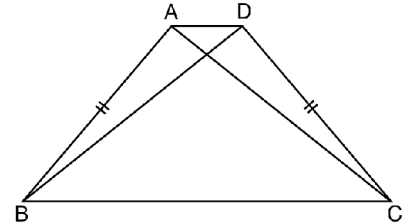
80



ABCD yamuk, $[EF]$ orta taban, $|AE| = 4$ cm
 $|FC| = 7$ cm olduğuna göre, $|AB| + |DC|$ toplamı
 kaç cm dir?

- A) 15 B) 18 C) 20 D) 22 E) 24

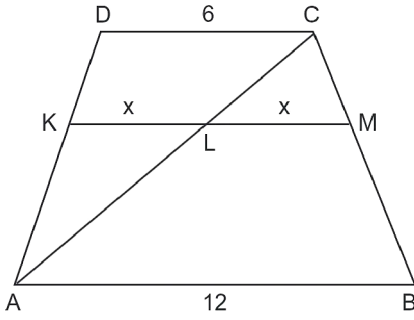
81



ABCD ikizkenar yamuk, $|AC| = 12$ cm
 olduğuna göre, $|BD|$ kaç cm dir?

- A) 17 B) 15 C) 13 D) 12 E) 10

82



ABCD yamuk

$|DC| = 6 \text{ cm}$

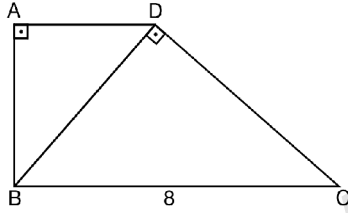
$|AB| = 12 \text{ cm}$

$[DC] \parallel [KM] \parallel [AB]$

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

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

83



ABCD dik yamuk, BDC ikizkenar dik üçgen
 $[DB] \perp [DC]$, $|BC| = 8 \text{ cm}$ olduğuna göre,
 Alan(ABCD) kaç cm^2 dir?

- A) $12\sqrt{2}$ B) 24 C) 28 D) $14\sqrt{2}$ E) 30

84

ABCD dik yamuk

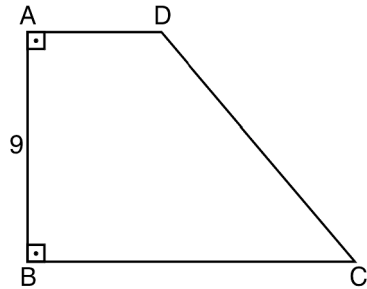
$|AB| = 9 \text{ cm}$

Alan(ABCD) = 54 cm^2

olduğuna göre,

$|AD| + |BC|$

toplamı kaç cm dir?



- A) 6 B) 8 C) 10 D) 12 E) 14

85

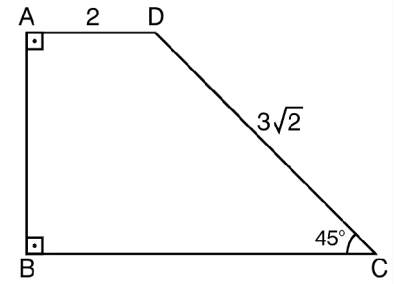
ABCD dik yamuk

$m(\widehat{BCD}) = 45^\circ$

$|AD| = 2 \text{ cm}$

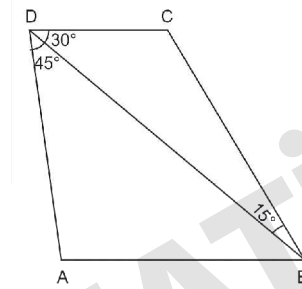
$|DC| = 3\sqrt{2} \text{ cm}$

olduğuna göre,

 $|BC|$ kaç cm dir?

- A) 4 B) $\frac{9}{2}$ C) 5 D) 6 E) $\frac{13}{2}$

86



ABCD bir yamuk

$m(\widehat{ADB}) = 45^\circ$

$m(\widehat{BDC}) = 30^\circ$

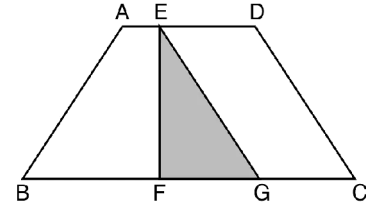
$m(\widehat{DBC}) = 15^\circ$

$|DC| = \sqrt{2} \text{ cm}$

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

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

87

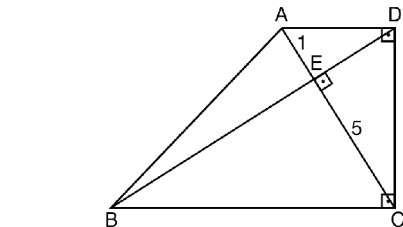


$$\text{ABCD yamuk, } \frac{|AD|}{3} = \frac{|BC|}{6} = \frac{|FG|}{2}, \text{ Alan(EFG)} = 4 \text{ cm}^2$$

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

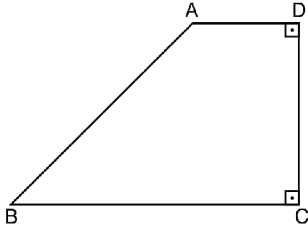
- A) 27 B) 25 C) 24 D) 21 E) 18

88

ABCD dik yamuk, $[AC] \perp [BD]$, $|AE| = 1 \text{ cm}$ $|EC| = 5 \text{ cm}$ olduğuna göre, $|DC|$ kaç cm dir?

- A) 6 B) $\sqrt{35}$ C) $4\sqrt{2}$ D) $\sqrt{30}$ E) $2\sqrt{7}$

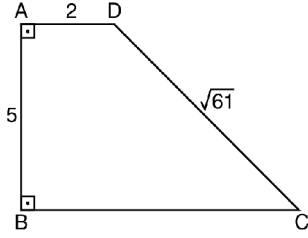
89



ABCD dik yamuk, $m(\widehat{BAD}) = 3m(\widehat{ABC}) - 4^\circ$
olduğuna göre, $m(\widehat{BAD})$ kaç derecedir?

- A) 138 B) 134 C) 130 D) 124 E) 120

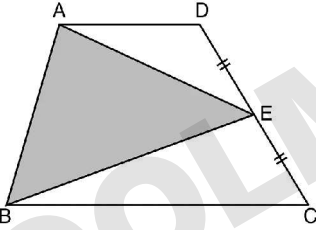
90



ABCD dik yamuk, $|AD| = 2$ cm, $|AB| = 5$ cm
 $|DC| = \sqrt{61}$ cm olduğuna göre, $|BC|$ kaç cm dir?

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

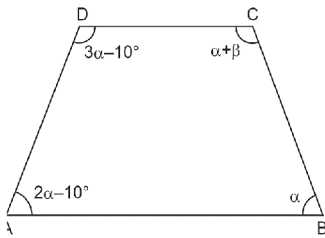
91



ABCD yamuk, $|DE| = |EC|$, $\text{Alan}(\triangle ABE) = 14 \text{ cm}^2$
olduğuna göre, $\text{Alan}(ABCD)$ kaç cm^2 dir?

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

92

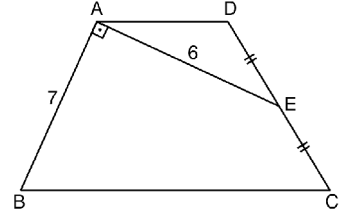


Yukarıdaki verilere göre, β kaç derecedir?

- A) 80 B) 85 C) 90 D) 95 E) 100

ABCD bir yamuk
 $m(\widehat{BAD}) = 2\alpha - 10^\circ$
 $m(\widehat{ABC}) = \alpha$
 $m(\widehat{BCD}) = \alpha + \beta$
 $m(\widehat{ADC}) = 3\alpha - 10^\circ$

93



ABCD yamuk, $[AB] \perp [AE]$, $|DE| = |EC|$, $|AB| = 7$ cm
 $|AE| = 6$ cm olduğuna göre, $\text{Alan}(ABCD)$
kaç cm^2 dir?

- A) 21 B) 28 C) 36 D) 42 E) 48

94

ABCD yamuk

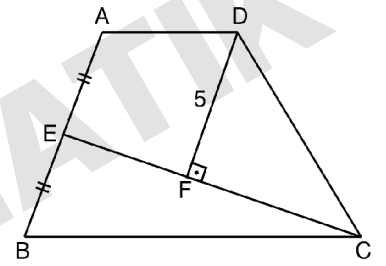
$[DF] \perp [EC]$

$|AE| = |BE|$

$|DF| = 5$ cm

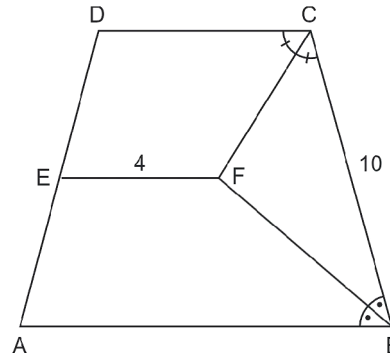
$|EC| = 12$ cm

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



- A) 72 B) 65 C) 60 D) 54 E) 50

95

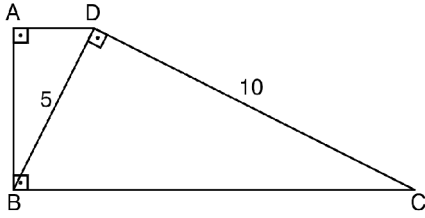


ABCD bir yamuk
 $[DC] \parallel [EF] \parallel [AB]$
 $[CF]$, $[BF]$ açıortay
 $|DE| = |AE|$
 $|BC| = 10$ cm
 $|EF| = 4$ cm

Yukarıdaki verilere göre, $|AB| + |DC|$ toplamı kaç
cm dir?

- A) 26 B) 24 C) 22 D) 20 E) 18

96



ABCD dik yamuk, $[BD] \perp [DC]$, $|BD| = 5$ cm
 $|DC| = 10$ cm olduğuna göre, $|AB|$ kaç cm dir?

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

CEVAP ANAHTARI

No	Cevap	No	Cevap
1.	A	49.	A
2.	A	50.	C
3.	B	51.	C
4.	D	52.	C
5.	B	53.	C
6.	C	54.	B
7.	B	55.	C
8.	A	56.	E
9.	A	57.	B
10.	E	58.	D
11.	B	59.	D
12.	E	60.	E
13.	E	61.	E
14.	E	62.	A
15.	C	63.	C
16.	C	64.	C
17.	C	65.	E
18.	D	66.	E
19.	E	67.	A
20.	D	68.	D
21.	C	69.	C
22.	D	70.	A
23.	E	71.	C
24.	A	72.	E
25.	E	73.	C
26.	A	74.	D
27.	B	75.	A
28.	D	76.	C
29.	D	77.	D
30.	C	78.	A
31.	C	79.	B
32.	A	80.	D
33.	A	81.	D
34.	E	82.	C
35.	C	83.	B
36.	A	84.	D
37.	D	85.	C
38.	B	86.	B
39.	E	87.	E
40.	D	88.	D
41.	B	89.	B
42.	A	90.	D
43.	B	91.	C
44.	E	92.	E
45.	B	93.	D
46.	E	94.	C
47.	D	95.	E
48.	B	96.	B