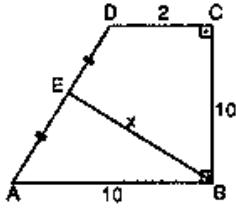


1.

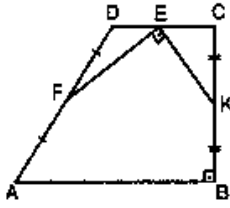


ABCD dik yamuk
 $[BC] \perp [AB]$
 $|ED| = |EA|$
 $|AB| = |BC| = 10$ cm
 $|DC| = 2$ cm

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

- A) $4\sqrt{5}$ B) $\sqrt{61}$ C) $4\sqrt{3}$ D) $3\sqrt{5}$ E) 5

2.

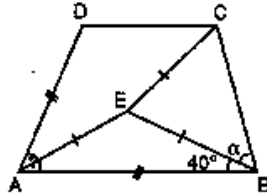


ABCD dik yamuk
 $[BC] \perp [AB]$
 $|FE| > |EK|$
 $[FE] \perp [EK]$
F ve K orta noktalar
 $|BC| = 8$ cm
 $A(ABCD) = 80$ cm²

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

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

3.

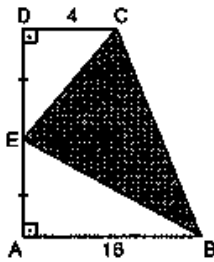


ABCD bir yamuk
 $[DC] \parallel [AB]$
 $|AE| = |EC| = |EB|$
 $|AD| = |BA|$
 $m(\widehat{DAE}) = m(\widehat{EAB})$
 $m(\widehat{ABE}) = 40^\circ$

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

- A) 20 B) 25 C) 30 D) 35 E) 40

4.

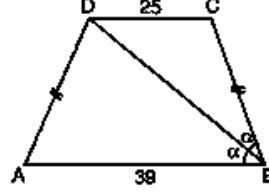


ABCD dik yamuk
 $[CE] \perp [EB]$
 $[AD] \perp [AB]$
 $|AE| = |ED|$
 $|BC| = 16$ cm
 $|DC| = 4$ cm

Yukarıdaki verilere göre, $A(CEB)$ kaç cm² dir?

- A) 70 B) 80 C) 90 D) 100 E) 120

5.

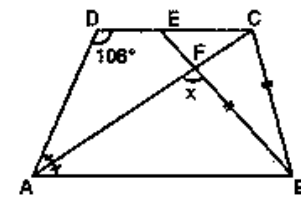


ABCD bir ikizkenar yamuk
 $[DC] \parallel [AB]$
 $[BD]$, \widehat{ABC} açısının
ağırtayı
 $|AB| = 39$ cm
 $|DC| = 25$ cm

Yukarıdaki verilere göre, ABCD yamuğunun alanı kaç cm² dir?

- A) 768 B) 678 C) 544 D) 528 E) 476

6.

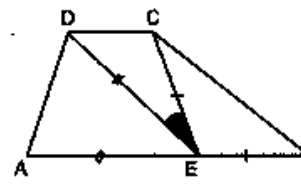


ABCD yamuk
 $[AB] \parallel [DC]$
 $m(\widehat{ADC}) = 108^\circ$
 $|BF| = |BC|$
 $|BA| = |AC|$
 $[AC]$ ağırtay

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

- A) 100 B) 108 C) 112 D) 116 E) 120

7.

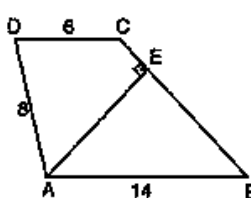


ABCD yamuk
 $[AB] \parallel [DC]$
 $|DE| = |AE|$
 $|CE| = |EB|$
 $m(\widehat{A}) + m(\widehat{B}) = 100^\circ$

Yukarıdaki verilere göre, $m(\widehat{DEC})$ kaç derecedir?

- A) 10 B) 15 C) 20 D) 25 E) 30

8.

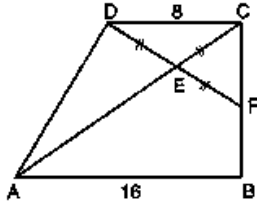


ABCD yamuk
 $[AB] \parallel [DC]$
 $[AE] \perp [BC]$
 $|AB| = 14$ cm
 $|BC| = 12$ cm
 $|AD| = 8$ cm
 $|DC| = 6$ cm

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

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

9.

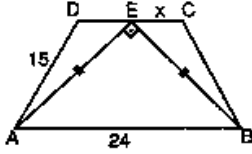


ABCD yamuk
 $[DC] \parallel [AB]$
 $|DE| = |EF| = |EC|$
 $|CF| = |FB|$
 $|DC| = 8 \text{ cm}$
 $|CB| = 10 \text{ cm}$
 $|AB| = 16 \text{ cm}$

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

- A) 50 B) 60 C) 70 D) 75 E) 80

10.

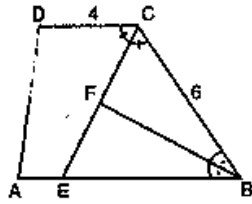


ABCD yamuk
 $[AB] \parallel [DC]$
 $[AE] \perp [EB]$
 $|AD| = 15 \text{ cm}$
 $|BA| = 24 \text{ cm}$
 $|AE| = |EB|$
 $A(ABCD) = 168 \text{ cm}^2$

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

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

11.

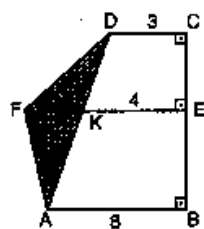


ABCD yamuk
 $[AB] \parallel [CD]$
 $[CE]$ ve $[BF]$ açıortaylar
 $|CE| = |EB|$
 $|CB| = 6 \text{ cm}$
 $|DC| = 4 \text{ cm}$
 $\text{Alan}(AECD) = 9\sqrt{3} \text{ cm}^2$

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

- A) 12 B) $6\sqrt{3}$ C) 10 D) 9 E) 8

12.

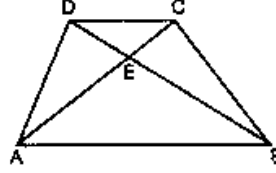


ABCD dik yamuk
 $[AB] \perp [BC]$
 $[FE] \perp [BC]$
 $|DC| = 3 \text{ cm}$
 $|KE| = 5 \text{ cm}$
 $|FE| = 9 \text{ cm}$
 $|AB| = 8 \text{ cm}$
 $m(\widehat{FAD}) = 30^\circ$

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

- A) 6 B) 7,5 C) 9 D) 10 E) 12

13.

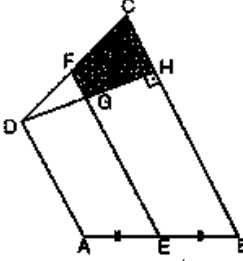


ABCD yamuk
 $[DC] \parallel [AB]$
 $\frac{|AB|}{|CD|} = \frac{3}{2}$
 $A(CEB) = 8 \text{ cm}^2$

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

- A) 64 B) 72 C) 80 D) 96 E) 100

14.

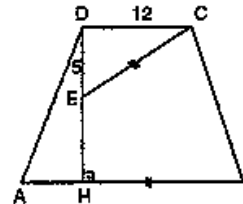


$[AD] \parallel [EF] \parallel [BC]$
 $[DH] \perp [CB]$
 $|AB| = |CD|$
 $|AE| = |EB|$
 $|BC| = 3 |AD|$

Yukarıdaki verilere göre, $\frac{A(GHCF)}{A(ABCD)}$ oranı kaçtır?

- A) $\frac{1}{16}$ B) $\frac{3}{16}$ C) $\frac{3}{8}$ D) $\frac{1}{4}$ E) $\frac{5}{16}$

15.

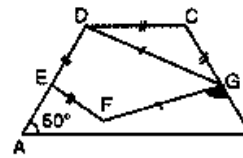


ABCD dik yamuk
 $[DH] \perp [AB]$
 $|EC| = |HB|$
 $|DC| = 12 \text{ cm}$
 $|DE| = 5 \text{ cm}$
 $A(ADH) = 5 \text{ cm}^2$

ABCD dik yamukunun alanı kaç cm^2 dir?

- A) 70 B) 85 C) 100 D) 130 E) 140

16.



ABCD dik yamuk
 $[AB] \parallel [DC]$
 $|DE| = |EF| = |DC| = |CG|$
 $|DG| = |FG|$
 $m(\widehat{A}) = 60^\circ$

Yukarıdaki verilere göre, \widehat{FGB} açısının ölçüsü kaç derecedir?

- A) 60 B) 75 C) 80 D) 90 E) 105

YANITLAR

1-B 2-B 3-E 4-B 5-A 6-B 7-C 8-D 9-C 10-A 11-E 12-C 13-E 14-B 15-D 16-D