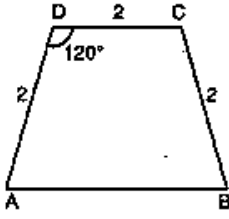


YAMUK TEST-3

1.

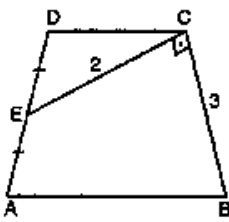


ABCD yamuk  
 $[AB] \parallel [DC]$   
 $|AD| = |DC| = |BC| = 2 \text{ cm}$   
 $m(\widehat{ADC}) = 120^\circ$

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

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

2.

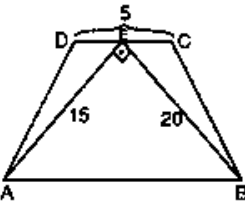


ABCD yamuk  
 $[EC] \perp [BC]$   
 $|DE| = |EA|$   
 $|CE| = 2 \text{ cm}$   
 $|BC| = 3 \text{ cm}$

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

- A) 3 B) 6 C) 9 D) 12 E) 15

3.

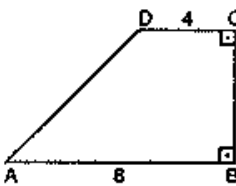


ABCD yamuk  
 $[AB] \parallel [DC]$   
 $[AE] \perp [EB]$   
 $|DC| = 5 \text{ cm}$   
 $|AE| = 15 \text{ cm}$   
 $|EB| = 20 \text{ cm}$

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

- A) 145 B) 160 C) 180 D) 200 E) 210

4.

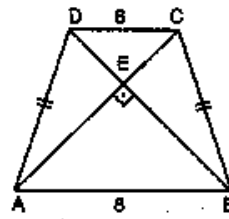


ABCD dik yamuk  
 $A(ABCD) = 48 \text{ cm}^2$   
 $|DC| = 4 \text{ cm}$   
 $|AB| = 8 \text{ cm}$

Yukarıdaki verilere göre,  $|AD|$  kaç  $\text{cm}$  dir?

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

5.

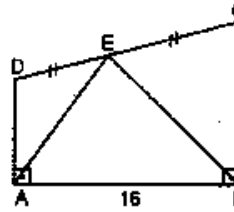


ABCD dikkenar yamuk  
 $|AB| = 8 \text{ cm}$   
 $|DC| = 6 \text{ cm}$   
 $[AC] \perp [BD]$

Yukarıdaki verilere göre,  $|AC|$  kaç  $\text{cm}$  dir?

- A)  $3\sqrt{2}$  B)  $4\sqrt{2}$  C)  $5\sqrt{2}$  D)  $6\sqrt{2}$  E)  $7\sqrt{2}$

6.

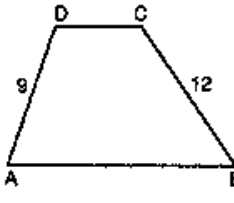


ABCD bir dörtgen  
 $|DE| = |EC|$   
 $[DA] \perp [AB]$   
 $[AB] \perp [BC]$   
 $A(ABCD) = 96 \text{ cm}^2$   
 $|AB| = 16 \text{ cm}$

Yukarıdaki verilere göre, ABE üçgeninin çevresi kaç  $\text{cm}$  dir?

- A) 27 B) 32 C) 36 D) 40 E) 48

7.

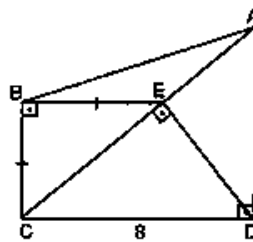


ABCD bir yamuk  
 $[AB] \parallel [DC]$   
 $m(\widehat{A}) + m(\widehat{B}) = 90^\circ$   
 $|AD| = 9 \text{ cm}$   
 $|BC| = 12 \text{ cm}$   
 $A(ABCD) = 108 \text{ cm}^2$

Yukarıdaki verilere göre,  $|CD|$  kaç  $\text{cm}$  dir?

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

8.

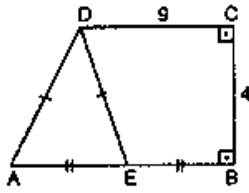


BCDE dik yamuk  
 $[DE] \perp [AC]$   
 $[AD] \perp [DC]$   
 $|BE| = |BC|$   
 $|CD| = 8 \text{ cm}$

Yukarıdaki verilere göre,  $|AB|$  kaç  $\text{cm}$  dir?

- A)  $8\sqrt{5}$  B)  $6\sqrt{5}$  C) 9 D)  $4\sqrt{5}$  E) 7

9.

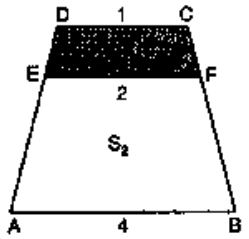


ABCD dik yamuk  
 $[AB] \perp [BC]$   
 $|AE| = |EB|$   
 $|DA| = |DE|$   
 $|DC| = 9 \text{ cm}$   
 $|BC| = 4 \text{ cm}$

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

- A) 36 B) 38 C) 40 D) 42 E) 44

10.

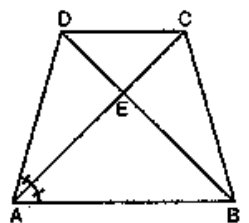


ABCD yamuk  
 $[DC] \parallel [AB]$   
 $|AB| = 4 \text{ cm}$   
 $|EF| = 2 \text{ cm}$   
 $|DC| = 1 \text{ cm}$   
 $A(DEF) = S_1$   
 $A(EABF) = S_2$

Yukarıdaki verilere göre,  $\frac{S_1}{S_2}$  oranı kaçtır?

- A)  $\frac{1}{2}$  B)  $\frac{1}{3}$  C)  $\frac{1}{4}$  D)  $\frac{1}{5}$  E)  $\frac{1}{6}$

11.

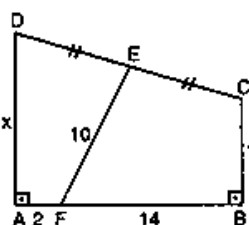


ABCD yamuk  
 $[DC] \parallel [AB]$   
 $[AC]$  açıortay doğrusu  
 $|AB| = 3|AD|$   
 $A(DEC) = 12 \text{ cm}^2$

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

- A) 164 B) 172 C) 182 D) 192 E) 196

12.

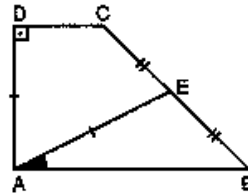


ABCD dik yamuk  
 $|AF| = 2 \text{ cm}$   
 $|FB| = 14 \text{ cm}$   
 $|EF| = 10 \text{ cm}$   
 $|BC| = 4 \text{ cm}$   
 $|DE| = |EC|$

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

- A) 12 B) 11 C) 10 D) 8 E) 6

13.

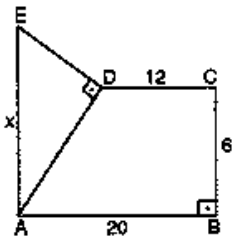


ABCD dik yamuk  
 $[AD] \perp [DC]$   
 $|CE| = |EB|$   
 $|AD| = |AE|$

Yukarıdaki verilere göre,  $m(\angle BAE)$  kaç derecedir?

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

14.

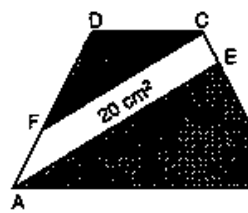


ABCD dörtgeni  
 bir dik yamuktur.  
 $[AB] \perp [BC]$   
 $[ED] \perp [AD]$   
 $|AB| = 20 \text{ cm}$   
 $|BC| = 6 \text{ cm}$   
 $|DC| = 12 \text{ cm}$

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

- A)  $\frac{20}{3}$  B)  $\frac{40}{3}$  C)  $\frac{50}{3}$  D) 20 E) 30

15.

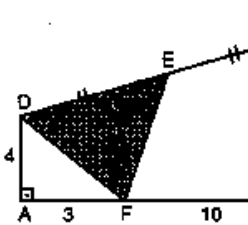


ABCD bir yamuk  
 $[AB] \parallel [DC]$   
 $A(FAEC) = 20 \text{ cm}^2$   
 $|DF| = 3|FA|$   
 $|BE| = 3|CE|$

Yukarıdaki verilere göre,  $A(ABE) + A(DFC)$  toplamı kaç  $\text{cm}^2$  dir?

- A) 80 B) 70 C) 60 D) 55 E) 50

16.



ABCD bir dik yamuk  
 $[AB] \perp [BC]$   
 $|DA| = 4 \text{ cm}$   
 $|AF| = 3 \text{ cm}$   
 $|FB| = 10 \text{ cm}$   
 $|BC| = 12 \text{ cm}$   
 $|DE| = |EC|$  ise,

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

- A) 33 B) 30 C) 28 D) 21 E) 19

### YANITLAR

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