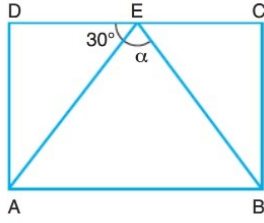


## 10.Sınıf Matematik Dikdörtgen Konu Tarama Soruları

1.

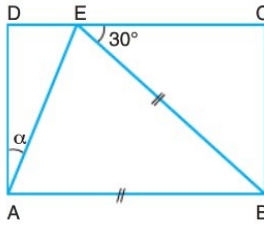


ABCD dikdörtgen  
 $m(\widehat{ABE}) = m(\widehat{EBC})$   
 $m(\widehat{AED}) = 30^\circ$

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

- A) 75 B) 90 C) 100 D) 105 E) 110

2.

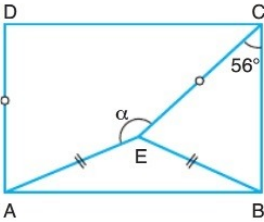


ABCD dikdörtgen  
 $|AB| = |BE|$   
 $m(\widehat{BEC}) = 30^\circ$   
 $m(\widehat{DAE}) = \alpha$

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

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

3.

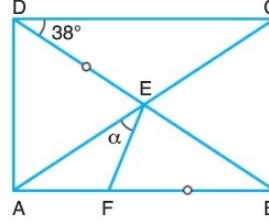


ABCD dikdörtgen  
 $|AE| = |BE|$   
 $|AD| = |EC|$   
 $m(\widehat{BCE}) = 56^\circ$   
 $m(\widehat{AEC}) = \alpha$

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

- A) 170 B) 172 C) 174 D) 176 E) 178

4.

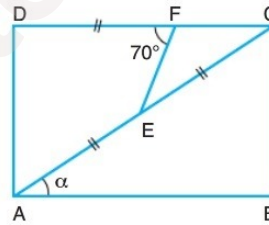


ABCD dikdörtgen  
 $[AC]$  ve  $[BD]$  köşegen  
 $[AC] \cap [BD] = \{E\}$   
 $|DE| = |BF|$   
 $m(\widehat{BDC}) = 38^\circ$   
 $m(\widehat{AEF}) = \alpha$

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

- A) 33 B) 34 C) 35 D) 36 E) 38

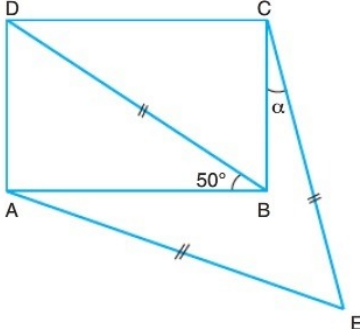
5.



ABCD dikdörtgen  
 $[AC]$  köşegen  
 $|AE| = |CE| = |DF|$   
 $m(\widehat{EFD}) = 70^\circ$   
 $m(\widehat{BAC}) = \alpha$

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

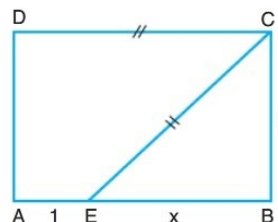
- A) 10 B) 20 C) 25 D) 35 E) 40

6. 

ABCD dikdörtgen  
 $[BD]$  köşegen  
 $|AE| = |BD| = |CE|$   
 $m(\widehat{ABD}) = 50^\circ$   
 $m(\widehat{ECB}) = \alpha$

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

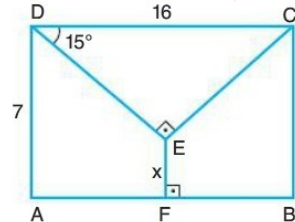
- A) 10 B) 15 C) 20 D) 25 E) 30

7. 

ABCD dikdörtgen  
 $|DC| = |EC|$   
 $|AE| = 1 \text{ cm}$   
 $|BC| = 5 \text{ cm}$   
 $|BE| = x \text{ cm}$

Yukarıdaki verilere göre, x kaç cm dir?

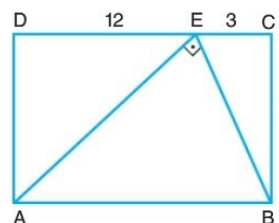
- A) 8 B) 10 C) 12 D) 13 E) 15

8. 

ABCD dikdörtgen  
 $[AB] \perp [EF]$   
 $[DE] \perp [EC]$   
 $m(\widehat{CDE}) = 15^\circ$   
 $|DC| = 16 \text{ cm}$   
 $|AD| = 7 \text{ cm}$

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

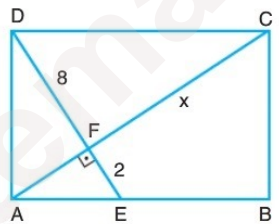
- A) 2 B) 3 C) 4 D) 5 E) 6

9. 

ABCD dikdörtgen  
 $[AE] \perp [EB]$   
 $|DE| = 12 \text{ cm}$   
 $|EC| = 3 \text{ cm}$   
 $|BC| = x \text{ cm}$

Yukarıdaki verilere göre, x kaç cm dir?

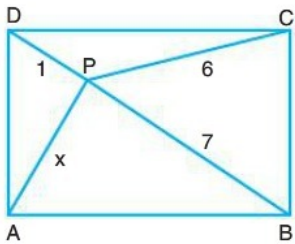
- A) 6 B) 7 C) 8 D) 9 E) 10

10. 

ABCD bir dörtgen  
 $[AC]$  köşegen  
 $[AC] \perp [DE]$   
 $|EF| = 2 \text{ cm}$   
 $|DF| = 8 \text{ cm}$   
 $|CF| = x \text{ cm}$

Yukarıdaki verilere göre, x kaç cm dir?

- A) 10 B) 12 C) 14 D) 16 E) 18

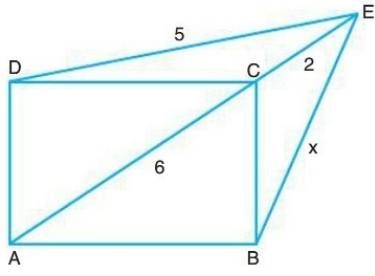
11. 

ABCD dikdörtgen  
 $|PD| = 1 \text{ cm}$   
 $|PC| = 6 \text{ cm}$   
 $|PB| = 7 \text{ cm}$   
 $|PA| = x \text{ cm}$

P noktası dikdörtgenin iç bölgesinde bir nokta olduğuna göre,  $|PA| = x$  kaç cm dir?

- A)  $\sqrt{14}$  B)  $\sqrt{15}$  C) 4 D)  $\sqrt{17}$  E)  $3\sqrt{2}$

12.

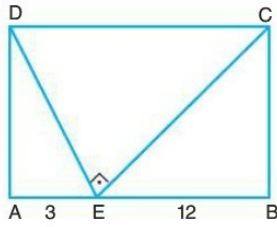


ABCD dikdörtgen  
 A, C, E doğrusal  
 $|EC| = 2 \text{ cm}$   
 $|DE| = 5 \text{ cm}$   
 $|AC| = 6 \text{ cm}$   
 $|BE| = x \text{ cm}$

Yukarıdaki verilere göre, x kaç cm dir?

- A)  $\sqrt{15}$  B) 4 C)  $\sqrt{37}$  D)  $\sqrt{43}$  E) 7

13.

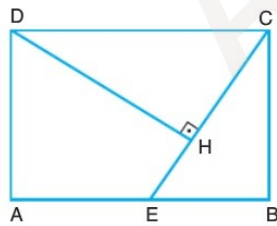


ABCD dikdörtgen  
 $[DE] \perp [EC]$   
 $|AE| = 3 \text{ cm}$   
 $|EB| = 12 \text{ cm}$

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

- A) 36 B) 45 C) 60 D) 75 E) 90

14.

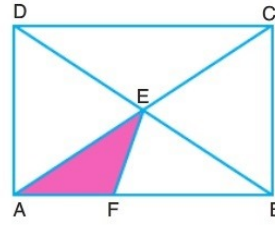


ABCD dikdörtgen  
 $[DH] \perp [CE]$   
 $|DH| = 4 \text{ cm}$   
 $|CE| = 9 \text{ cm}$

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

- A) 18 B) 24 C) 36 D) 54 E) 72

15.

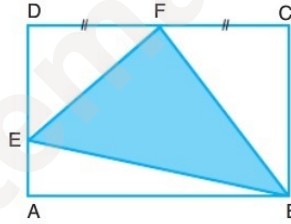


ABCD dikdörtgen  
 $[AC] \cap [BD] = \{E\}$   
 $3|AF| = |AB|$   
 $A(ABCD) = 120 \text{ cm}^2$

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

- A) 10 B) 20 C) 30 D) 40 E) 50

16.

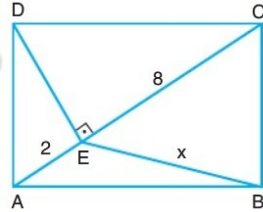


ABCD dikdörtgen  
 $|DF| = |FC|$   
 $|DE| = 2|EA|$   
 $A(ABCD) = 72 \text{ cm}^2$

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

- A) 16 B) 20 C) 24 D) 30 E) 36

17.

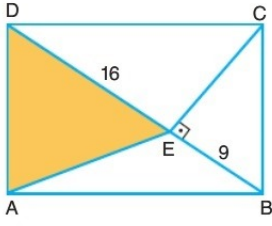


ABCD dikdörtgen  
 $[AC] \perp [DE]$   
 $|EC| = 8 \text{ cm}$   
 $|AE| = 2 \text{ cm}$   
 $|EB| = x \text{ cm}$

Yukarıdaki verilere göre, x kaç cm dir?

- A) 6 B)  $2\sqrt{10}$  C) 7 D)  $5\sqrt{2}$  E)  $2\sqrt{13}$

18.



ABCD dikdörtgen

$$[BD] \perp [CE]$$

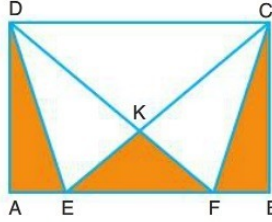
$$|DE| = 16 \text{ cm}$$

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

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

- A) 48      B) 72      C) 96      D) 104      E) 120

19.



ABCD dikdörtgen

$$[DF] \cap [CE] = \{K\}$$

$$A(\widehat{ADE}) = 5 \text{ cm}^2$$

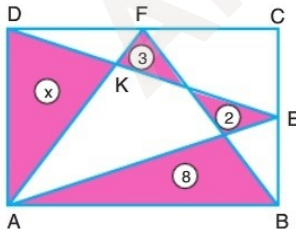
$$A(\widehat{EKF}) = 4 \text{ cm}^2$$

$$A(\widehat{BCF}) = 7 \text{ cm}^2$$

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

- A) 12      B) 14      C) 16      D) 18      E) 20

20.



ABCD dikdörtgeninde taralı bölgelerin alanları şekilde gösterilmiştir.

Buna göre,  $A(\widehat{ADK}) = x$  kaç  $\text{br}^2$  dir?

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

Ah Şu Matematik



MİRAY