

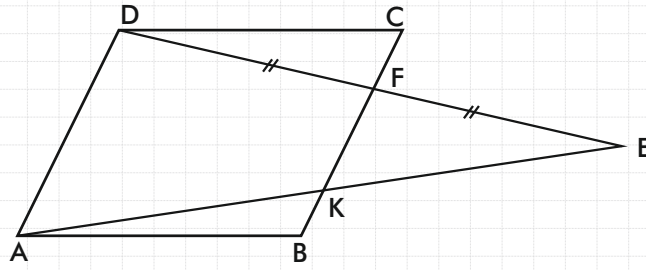
ADI SOYADI :

SINIFI:

NO:

21.12.2011

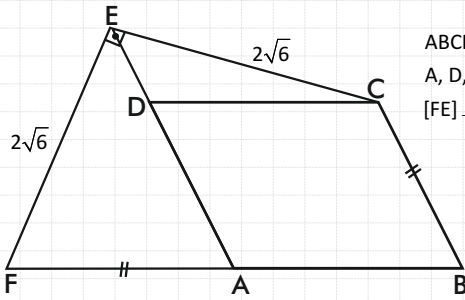
1.



ABCD paralekenarında $A(KEF) = 10 \text{ br}^2$ ise $A(ABCD) = ?$

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

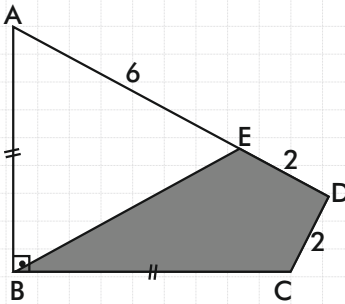
2.



ABCD eşkenar dörtgen,
A, D, E doğrusal; F, A, B doğrusal
[FE] ⊥ [CE] ise Çevre (ABCD) = ?

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

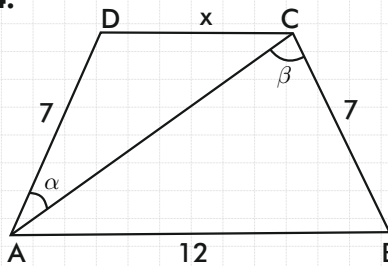
3.



ABCD bir dörtgen
BCDE bir deltoid
Şekilde verilenlere göre
Alan(BCDE) = ?

- A) 8 B) $6\sqrt{2}$ C) 10 D) $8\sqrt{2}$ E) 12

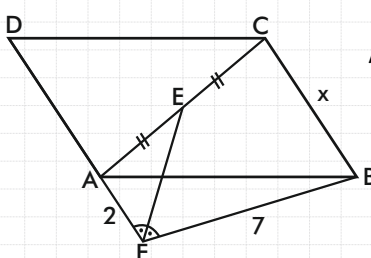
4.



ABCD bir ikizkenar yamuk
[AB]//[CD]
 $\beta - \alpha = 60^\circ$ olduğuna göre
 $x = ?$

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

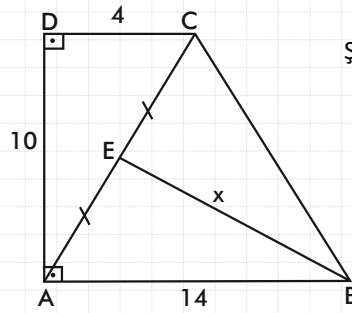
5.



ABCD paralekenarında $x = ?$

- A) 4 B) 4,5 C) 5 D) 7 E) 9

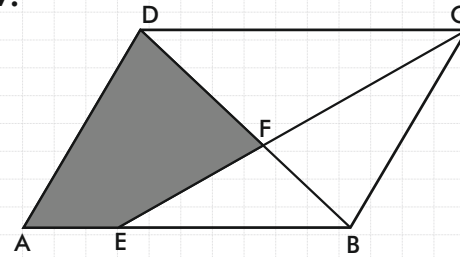
6.



Şekildeki dik yamukta $x = ?$

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

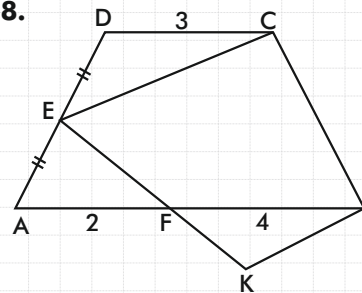
7.



ABCD paralekenar
[BD] ∩ [CE] = {F}
 $2|AE| = |BE|$, $A(EBF) = 4 \text{ cm}^2$
ise $A(AEFD) = ?$

- A) 9 B) 11 C) 12 D) 16 E) 18

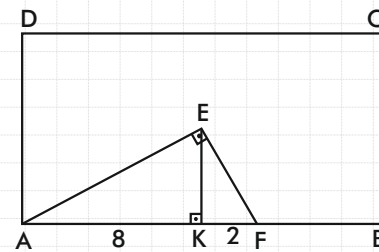
8.



ABCD ve KBCE birer yamuk
[AB]//[CD] ve [KB]//[CE]
ise $\frac{|EC|}{|KB|} = ?$

- A) $\frac{5}{4}$ B) $\frac{8}{9}$ C) $\frac{9}{8}$ D) $\frac{11}{8}$ E) $\frac{13}{8}$

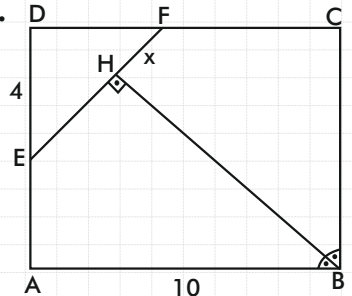
9.



E, ABCD dikdörtgeninin ağırlık
merkezi ise Alan(ABCD) = ?

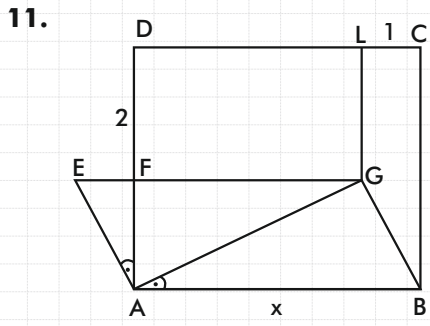
- A) 128 B) 132 C) 142 D) 148 E) 168

10.

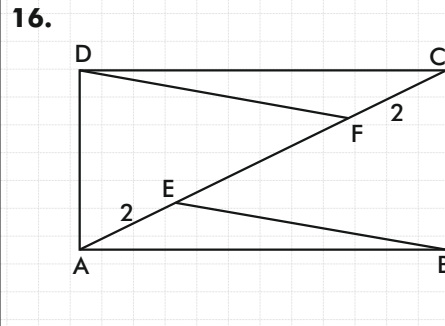


ABCD dikdörtgen ise $x = ?$

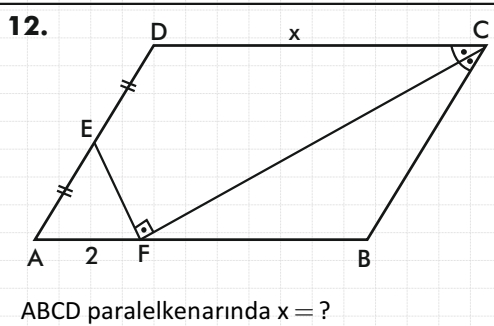
- A) 1 B) $\sqrt{2}$ C) 2 D) $2\sqrt{2}$ E) 3

11.  ABCD dikdörtgen,
ABGE paralelkenar
[LG]//[CB]
ise $x = ?$

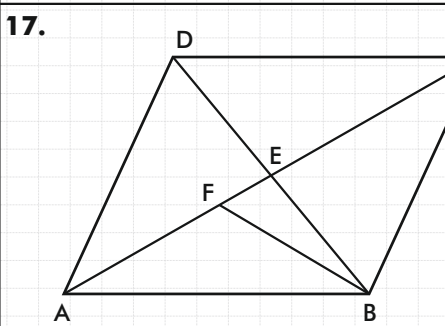
- A) 3 B) 4 C) 5 D) 6 E) 7

16.  ABCD dikdörtgen
 $|AC| = 10, |EB| = 2\sqrt{13}$
ise Alan (ABCD) = ?

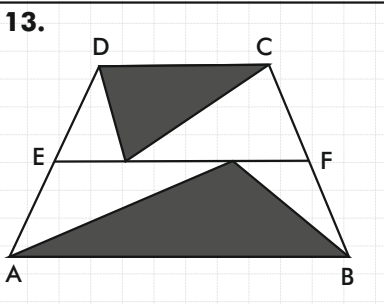
- A) 40 B) 48 C) 54 D) 60 E) 64

12.  ABCD paralelkenarında $x = ?$

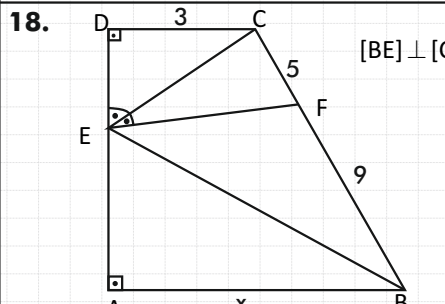
- A) 4 B) 5 C) $\frac{11}{2}$ D) 6 E) $\frac{13}{2}$

17.  ABCD eşkenar dörtgen
 $m(\widehat{FBD}) = m(\widehat{DAC})$
 $|AF| = 5$
 $|BD| = 12$ ise $|DC| = ?$

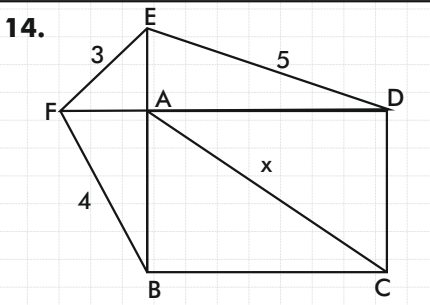
- A) $\sqrt{61}$ B) $2\sqrt{13}$ C) $3\sqrt{13}$ D) 10 E) 13

13.  ABCD yamuğunun
orta tabanı [EF] dir.
Alan(ABCD)=60 cm²
taralı alanlar toplamı nedir?

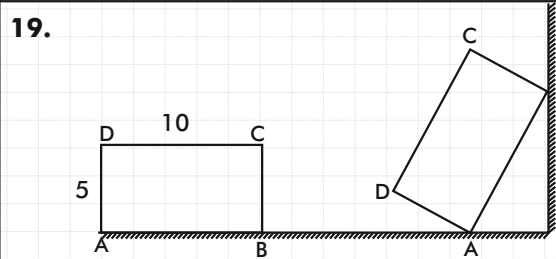
- A) 25 B) 30 C) 35 D) 40 E) 45

18.  [BE] ⊥ [CE] ise $x = ?$

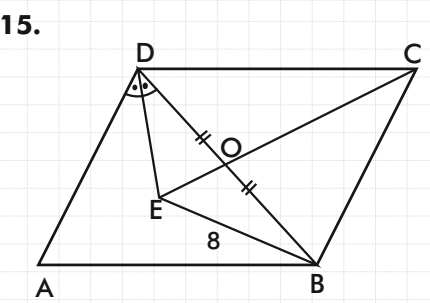
- A) 5 B) $\frac{27}{5}$ C) 8 D) 10 E) 15

14.  ABCD dikdörtgen
[BE] ∩ [DF] = {A}
ise $x = ?$

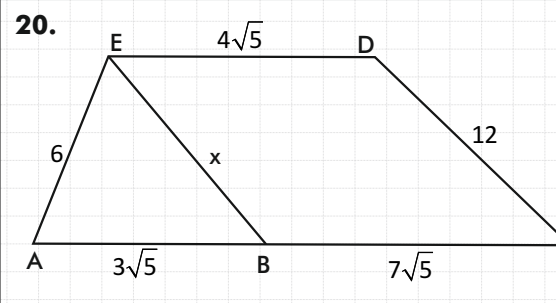
- A) $3\sqrt{3}$ B) $2\sqrt{7}$ C) $4\sqrt{2}$ D) $\sqrt{34}$ E) 6

19.  ABCD dikdörtgeni zemin boyunca kenarları üzerinde 2 tur
tamaladıktan sonra tekrar dönüp şekildeki konuma geliyor.
Buna göre ilk durumdaki A noktasıyla son durumdaki A noktası arasındaki
uzaklık nedir?

- A) 70
B) 75
C) 85
D) 90
E) 95

15.  ABCD paralelkenar
[BD] ∩ [CE] = {O}
 $|CO| = 3|OE|$
 $|CE| = ?$

- A) 10 B) 12 C) 14 D) 15 E) 16

20.  [AB]//[CD]
ise $x = ?$

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E

NOT: Her sorunun doğru yanıtı 5 puandır. Süreniz 40 dakikadır.
Başarılar dileriz.

Niğde Anadolu Öğretmen Lisesi Matematik Zümresi