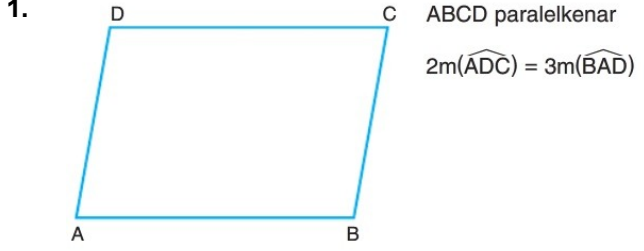


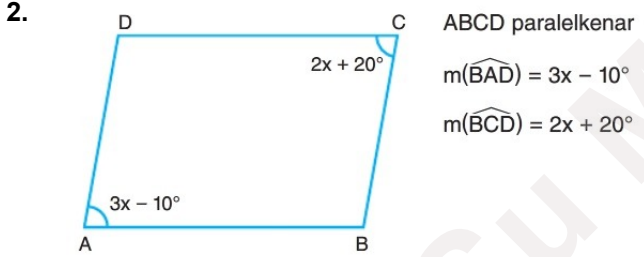
PARALELKENARDA AÇI VE UZUNLUK
TARAMA SORULARI

10.Sınıf Matematik Paralelkenarda Açı ve Uzunluk Tarama Soruları



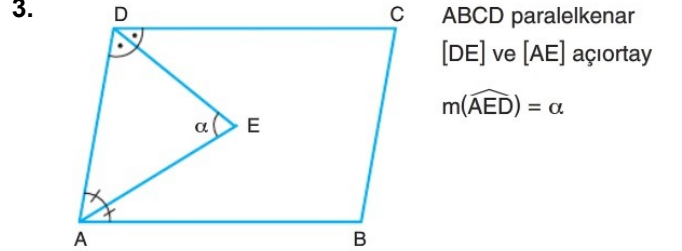
Yukarıdaki verilere göre, $m(\widehat{BCD})$ kaç derecedir?

- A) 18 B) 36 C) 72 D) 108 E) 144



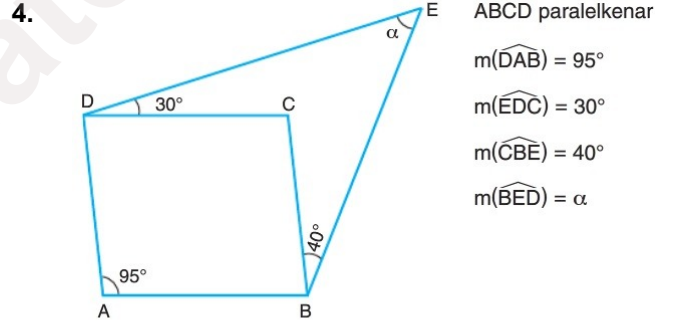
Yukarıdaki verilere göre, x kaç derecedir?

- A) 30 B) 31 C) 32 D) 33 E) 34



Yukarıdaki verilere göre, α kaç derecedir?

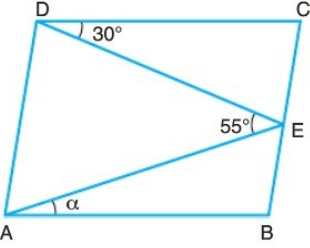
- A) 70 B) 75 C) 80 D) 85 E) 90

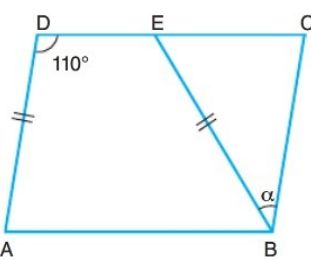


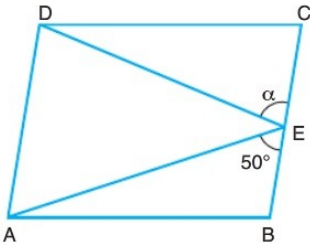
Yukarıdaki verilere göre, α kaç derecedir?

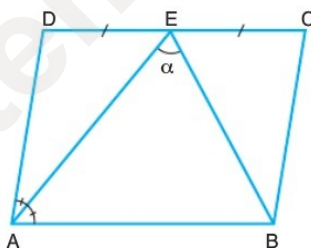
- A) 15 B) 20 C) 25 D) 30 E) 35

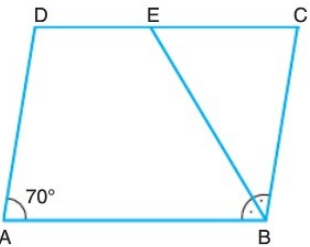
PARALELKENARDA AÇI VE UZUNLUK TARAMA SORULARI

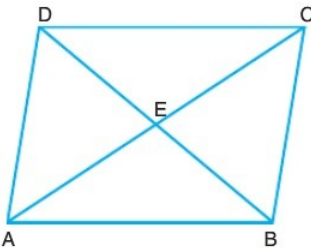
5.  ABCD paralelkenar
 $m(\widehat{CDE}) = 30^\circ$
 $m(\widehat{AED}) = 55^\circ$
 $m(\widehat{BAE}) = \alpha$
- Yukarıdaki verilere göre, α kaç derecedir?**
- A) 20 B) 25 C) 30 D) 35 E) 40

8.  ABCD paralelkenar
 $|BE| = |AD|$
 $m(\widehat{ADE}) = 110^\circ$
 $m(\widehat{CBE}) = \alpha$
- Yukarıdaki verilere göre, α kaç derecedir?**
- A) 38 B) 39 C) 40 D) 41 E) 42

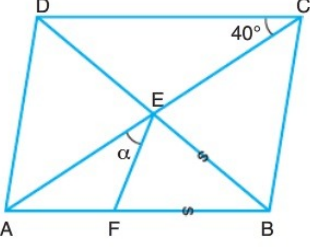
6.  ABCD paralelkenar
 $|BC| = |AE|$
 $m(\widehat{AEB}) = 50^\circ$
 $m(\widehat{CED}) = \alpha$
- Yukarıdaki verilere göre, α kaç derecedir?**
- A) 50 B) 55 C) 60 D) 65 E) 70

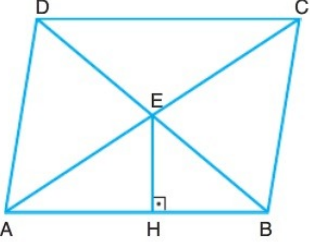
9.  ABCD paralelkenar
 $|DE| = |CE|$
 $[AE]$ açıortay
 $m(\widehat{AEB}) = \alpha$
- Yukarıdaki verilere göre, α kaç derecedir?**
- A) 30 B) 45 C) 60 D) 75 E) 90

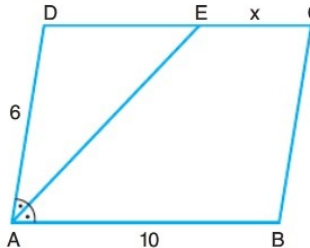
7.  ABCD paralelkenar
 $[BE]$ açıortay
 $m(\widehat{BAD}) = 130^\circ$
- Yukarıdaki verilere göre, $m(\widehat{BEC})$ kaç derecedir?**
- A) 40 B) 45 C) 50 D) 55 E) 60

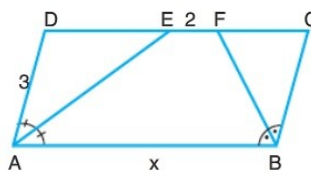
10.  ABCD paralelkenar
 $|DE| = 2x + 1$
 $|AE| = 3y - 2$
 $|EB| = 5 \text{ cm}$
 $|EC| = 7 \text{ cm}$
- Yukarıdaki verilere göre, $x + y$ toplamı kaç cm dir?**
- A) 4 B) 5 C) 6 D) 7 E) 8

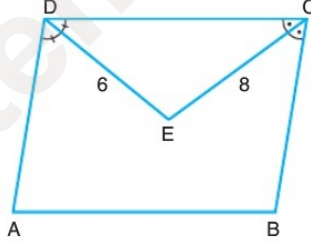
PARALELKENARDA AÇI VE UZUNLUK TARAMA SORULARI

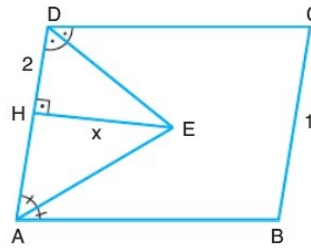
11.  ABCD paralelkenar
 $|AE| = |AB|$
 $|BE| = |BF|$
 $m(\widehat{ACD}) = 40^\circ$
 $m(\widehat{AEF}) = \alpha$
 Yukarıdaki verilere göre, α kaç derecedir?
 A) 10 B) 15 C) 20 D) 25 E) 30

12.  ABCD paralelkenar
 $[EH] \perp [AB]$
 $m(\widehat{DAB}) = 30^\circ$
 $|BC| = 8 \text{ cm}$
 Yukarıdaki verilere göre, $|EH|$ kaç cm dir?
 A) 1 B) 2 C) 3 D) 4 E) 5

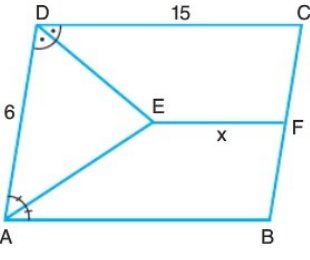
13.  ABCD paralelkenar
 $[AE]$ açkırtay
 $|AD| = 6 \text{ cm}$
 $|AB| = 10 \text{ cm}$
 $|CE| = x \text{ cm}$
 Yukarıdaki verilere göre, x kaç cm dir?
 A) 1 B) 2 C) 3 D) 4 E) 5

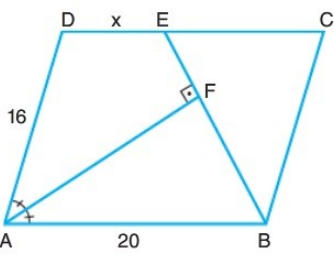
14.  ABCD paralelkenar
 $[AE]$ ve $[BF]$ açırtay
 $|EF| = 2 \text{ cm}$
 $|AD| = 3 \text{ cm}$
 $|AB| = x \text{ cm}$
 Yukarıdaki verilere göre, x kaç cm dir?
 A) 5 B) 6 C) 7 D) 8 E) 9

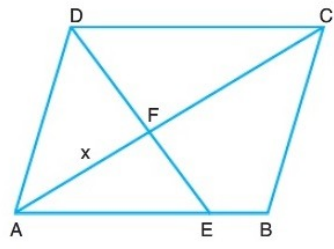
15.  ABCD paralelkenar
 $[CE]$ ve $[DE]$ açırtay
 $|DE| = 6 \text{ cm}$
 $|CE| = 8 \text{ cm}$
 $|BC| = 5 \text{ cm}$
 Yukarıdaki verilere göre, $\widehat{C(ABCD)}$ kaç cm dir?
 A) 15 B) 20 C) 25 D) 30 E) 35

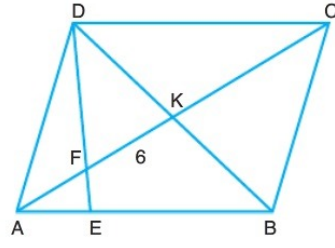
16.  ABCD paralelkenar
 $[DE]$ ve $[AE]$ açırtay
 $[EH] \perp [AD]$
 $|DH| = 2 \text{ cm}$
 $|BC| = 10 \text{ cm}$
 $|EH| = x \text{ cm}$
 Yukarıdaki verilere göre, x kaç cm dir?
 A) 2 B) 4 C) 6 D) 8 E) 10

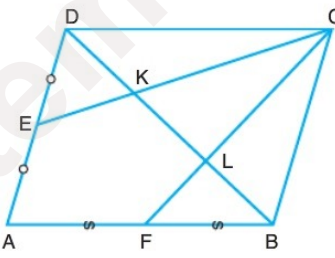
PARALELKENARDA AÇI VE UZUNLUK TARAMA SORULARI

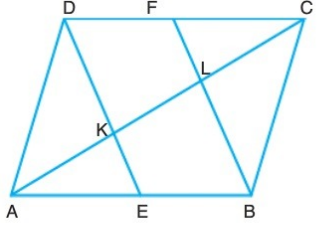
17.  ABCD paralelkenar
[DE] ve [AE] açkırtay
[CD] // [EF] // [AB]
|AD| = 6 cm
|CD| = 15 cm
|EF| = x cm
- Yukarıdaki verilere göre, x kaç cm dir?**
- A) 10 B) 11 C) 12 D) 13 E) 14

18.  ABCD paralelkenar
[AF] açkırtay
[AF] ⊥ [BE]
|AD| = 16 cm
|AB| = 20 cm
- Yukarıdaki verilere göre, |DE| = x kaç cm dir?**
- A) 4 B) 6 C) 8 D) 9 E) 10

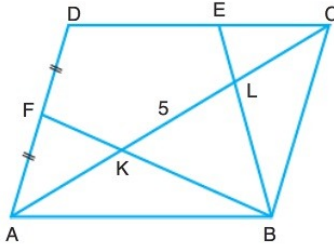
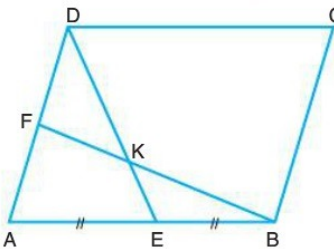
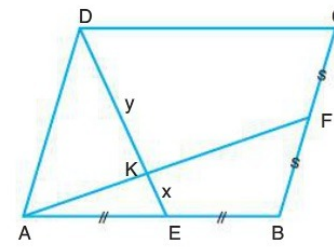
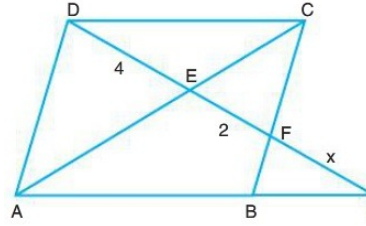
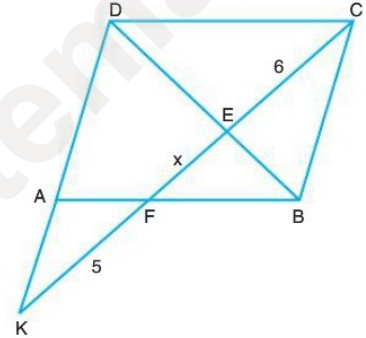
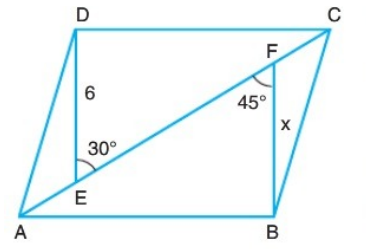
19.  ABCD paralelkenar
[AC] ∩ [DE] = {F}
3|BE| = |AE|
|CF| = 16 cm
|AF| = x cm
- Yukarıdaki verilere göre, x kaç cm dir?**
- A) 4 B) 6 C) 8 D) 10 E) 12

20.  ABCD paralelkenar
[AC] ∩ [DE] = {F}
[AC] ∩ [BD] = {K}
3|AE| = |EB|
|FK| = 6 cm
- Yukarıdaki verilere göre, |AC| kaç cm dir?**
- A) 18 B) 20 C) 24 D) 26 E) 28

21.  ABCD paralelkenar
[CE] ∩ [BD] = {K}
[BD] ∩ [CF] = {L}
|AF| = |BF|
|AE| = |ED|
|BD| = 18 cm
- Yukarıdaki verilere göre, |KL| kaç cm dir?**
- A) 4 B) 5 C) 6 D) 7 E) 8

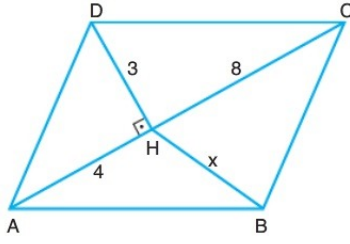
22.  ABCD paralelkenar
[AC] köşegen
[DE] ∩ [AC] = {K}
[BF] ∩ [AC] = {L}
|AE| = |BE| = |DF| = |CF|
|KL| = 4 cm
- Yukarıdaki verilere göre, |AC| kaç cm dir?**
- A) 8 B) 10 C) 12 D) 14 E) 16

PARALELKENARDA AÇI VE UZUNLUK TARAMA SORULARI

- 23.**  ABCD paralelkenar
 $[AC] \cap [BE] = \{L\}$
 $[AC] \cap [BF] = \{K\}$
 $|AF| = |FD|$
 $2|EC| = |DE|$
 $|KL| = 5 \text{ cm}$
Yukarıdaki verilere göre, $|AC|$ kaç cm dir?
A) 10 B) 11 C) 12 D) 13 E) 14
- 24.**  ABCD paralelkenar
 $[DE] \cap [BF] = \{K\}$
 $|AE| = |BE|$
 $2|DF| = |AF|$
 $|BK| = 12 \text{ cm}$
Yukarıdaki verilere göre, $|FK|$ kaç cm dir?
A) 3 B) 4 C) 5 D) 6 E) 7
- 25.**  ABCD paralelkenar
 $[DE] \cap [AF] = \{K\}$
 $|AE| = |BE|$
 $|BF| = |CF|$
 $|EK| = x \text{ cm}$
 $|DK| = y \text{ cm}$
Yukarıdaki verilere göre, $\frac{x}{y}$ oranı kaçtır?
A) $\frac{1}{8}$ B) $\frac{3}{8}$ C) $\frac{1}{4}$ D) $\frac{3}{4}$ E) $\frac{1}{2}$
- 26.**  ABCD paralelkenar
 $[AC] \cap [DG] = \{E\}$
A, B, G doğrusal
 $|DE| = 4 \text{ cm}$
 $|EF| = 2 \text{ cm}$
 $|FG| = x \text{ cm}$
Yukarıdaki verilere göre, x kaç cm dir?
A) 3 B) 4 C) 5 D) 6 E) 7
- 27.**  ABCD paralelkenar
 $[BD]$ köşegen
 $[BD] \cap [CK] = \{E\}$
K, A, D doğrusal
 $|CE| = 6 \text{ cm}$
 $|KF| = 5 \text{ cm}$
Yukarıdaki verilere göre, $|EF| = x$ kaç cm dir?
A) 1 B) 2 C) 3 D) 4 E) 5
- 28.**  ABCD paralelkenar
 $[AC]$ köşegen
 $m(\widehat{DEC}) = 30^\circ$
 $m(\widehat{BFA}) = 45^\circ$
 $|DE| = 6 \text{ cm}$
 $|BF| = x \text{ cm}$
Yukarıdaki verilere göre, x kaç cm dir?
A) 3 B) $3\sqrt{2}$ C) $3\sqrt{3}$ D) 6 E) $6\sqrt{2}$

PARALELKENARDA AÇI VE UZUNLUK TARAMA SORULARI

29.



ABCD paralelkenar

[AC] köşegen

[DH] \perp [AC]

|DH| = 3 cm

|AH| = 4 cm

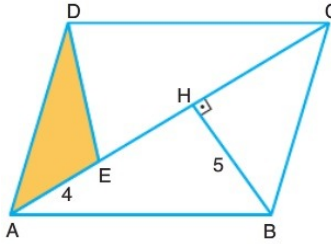
|CH| = 8 cm

|BH| = x cm

Yukarıdaki verilere göre, x kaç cm dir?

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

30.



ABCD paralelkenar

[AC] köşegen

[BH] \perp [AC]

|AE| = 4 cm

|BH| = 5 cm

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

- A) 6 B) 8 C) 10 D) 16 E) 20

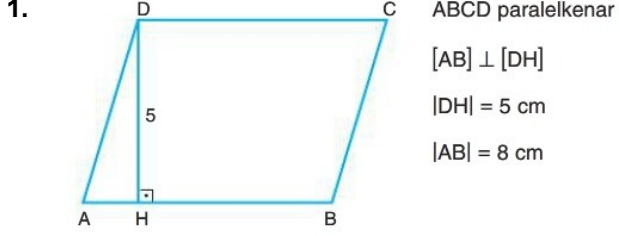
Ah Şu Matematik



MIRAY

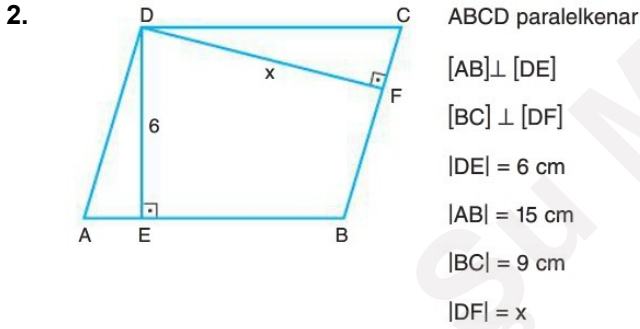
**PARALELKENARIN ALANI TARAMA
SORULARI**

10.Sınıf Matematik Paralelkenarın Alanı Tarama Soruları



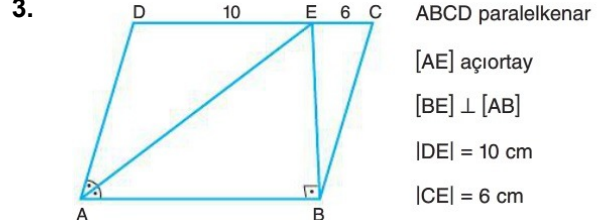
Yukarıdaki verilere göre, ABCD paralelkenarının alanı kaç cm^2 dir?

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



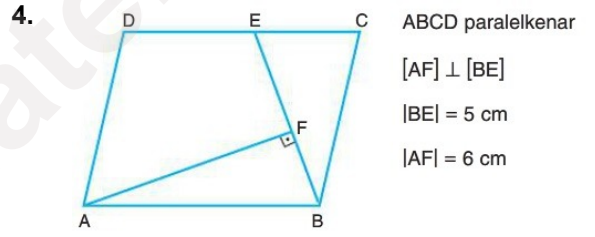
Yukarıdaki verilere göre, x kaç cm dir?

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



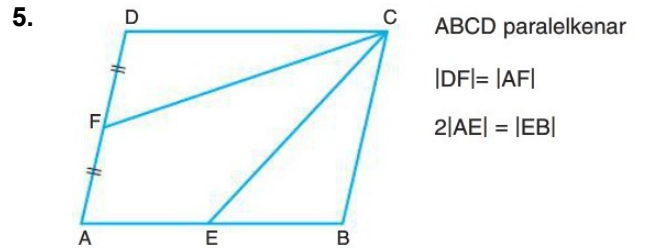
Yukarıdaki verilere göre, ABCD paralelkenarının alanı kaç cm^2 dir?

- A) 50 B) 64 C) 100 D) 128 E) 140



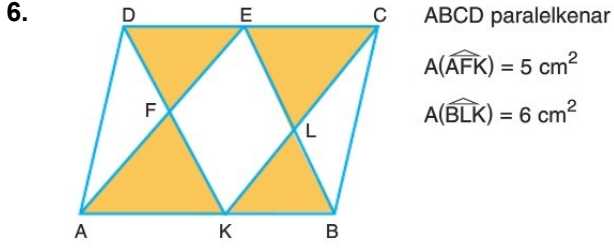
Yukarıdaki verilere göre, ABCD paralelkenarının alanı kaç cm^2 dir?

- A) 30 B) 32 C) 36 D) 40 E) 44



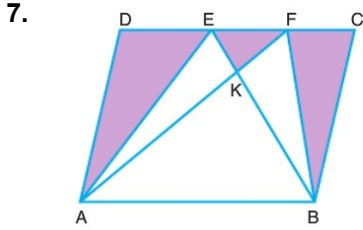
Yukarıdaki verilere göre, $\frac{A(\widehat{BCE})}{A(\widehat{CDF})}$ oranı kaçtır?

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



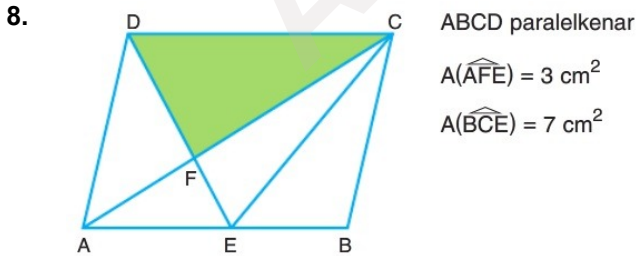
Yukarıdaki verilere göre, $A(\widehat{DEF}) + A(\widehat{CEL})$ kaç cm^2 dir?

- A) 8 B) 9 C) 10 D) 11 E) 12



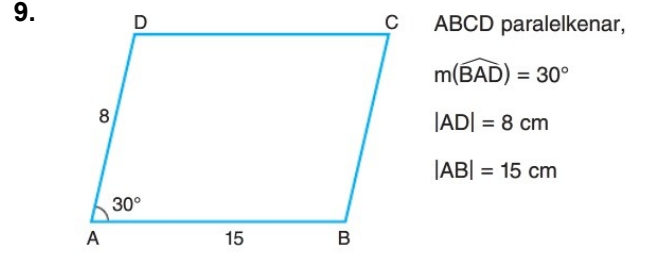
ABCD paralelkenarında taralı alanlar toplamı 16 cm^2 olduğuna göre, $A(\widehat{ABK})$ kaç cm^2 dir?

- A) 10 B) 14 C) 16 D) 18 E) 20



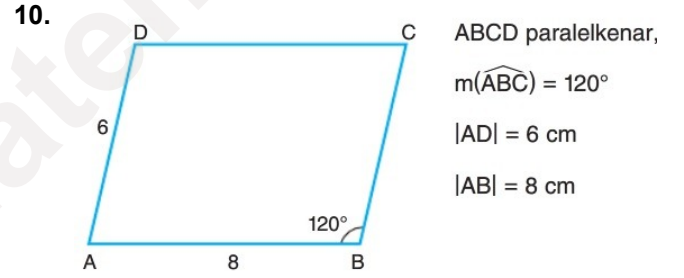
Yukarıdaki verilere göre, $A(\widehat{CFD})$ kaç cm^2 dir?

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



Yukarıda verilenlere göre, ABCD paralelkenarının alanı kaç cm^2 dir?

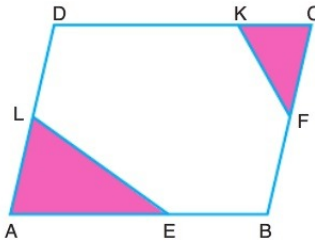
- A) 30 B) $30\sqrt{3}$ C) 60
D) $60\sqrt{3}$ E) 120



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

- A) 12 B) $12\sqrt{3}$ C) 24
D) $24\sqrt{3}$ E) 36

11.

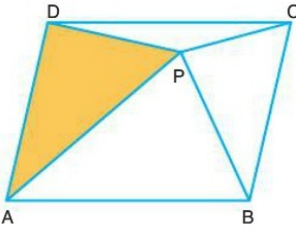


ABCD paralelkenar
 $|CF| = |BF|$
 $|AL| = |DL|$
 $|CK| = |BE| = \frac{|CD|}{3}$
 $A(\widehat{CFK}) = 4 \text{ cm}^2$

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

- A) 5 B) 6 C) 8 D) 9 E) 10

12.

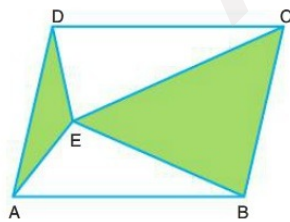


ABCD paralelkenar
 P, ABCD paralelkenarının iç bölgesinde bir noktadır
 $A(\widehat{DPC}) = 3 \text{ cm}^2$
 $A(\widehat{APB}) = 15 \text{ cm}^2$
 $A(\widehat{BPC}) = 12 \text{ cm}^2$

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

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

13.

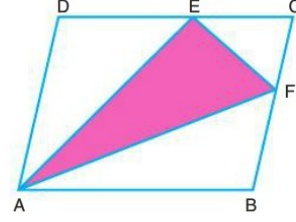


ABCD paralelkenar
 E, ABCD paralelkenarının iç bölgesinde bir noktadır.
 $A(\widehat{AED}) = 3 \text{ cm}^2$
 $A(\widehat{BCE}) = 7 \text{ cm}^2$

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

- A) 12 B) 15 C) 20 D) 22 E) 24

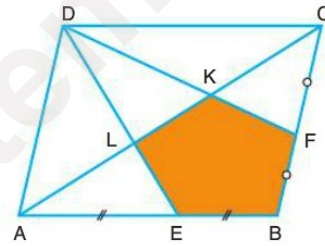
14.



ABCD paralelkenarında E ve F bulundukları kenarların orta noktaları olup $A(ABCD) = 24 \text{ cm}^2$ olduğuna göre, $A(\widehat{AEF})$ kaç cm^2 dir?

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

15.

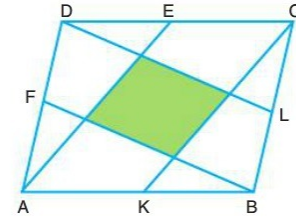


ABCD paralelkenar
 $[AC]$ köşegen
 $|AE| = |BE|$
 $|CF| = |BF|$
 $A(ABCD) = 72 \text{ cm}^2$

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

- A) 24 B) 26 C) 30 D) 36 E) 40

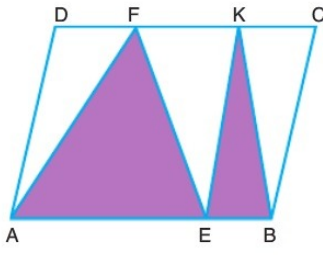
16.



ABCD paralelkenarında E, F, K ve L bulundukları kenarların orta noktaları olup, $A(ABCD) = 100 \text{ cm}^2$ olduğuna göre, taralı bölgenin alanı kaç cm^2 dir?

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

17.



ABCD paralelkenar

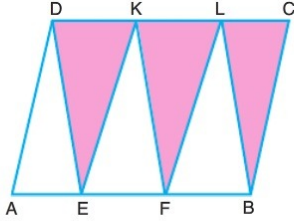
$$A(\widehat{AEF}) = 7 \text{ cm}^2$$

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

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

- A) 24 B) 26 C) 32 D) 36 E) 38

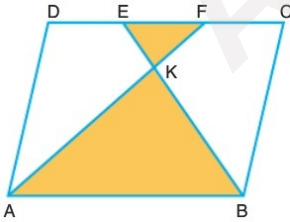
18.



ABCD paralelkenar olup $A(ABCD) = 30 \text{ cm}^2$ olduğuna göre, taralı bölgelerin alanları toplamı kaç cm^2 dir?

- A) 12 B) 14 C) 15 D) 17 E) 20

19.



ABCD paralelkenar

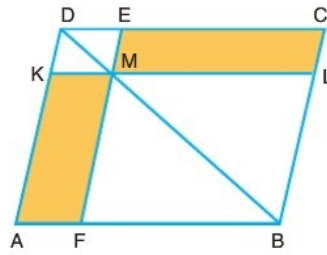
$$A(\widehat{EFK}) = 1 \text{ cm}^2$$

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

Yukarıdaki verilere göre, ABCD paralelkenarının alanı kaç cm^2 dir?

- A) 12 B) 15 C) 18 D) 24 E) 30

20.



ABCD paralelkenar

$$[EF] \parallel [AD]$$

$$[AB] \parallel [KL]$$

$$[BD] \text{ köşegen}$$

$$A(CEML) = 20 \text{ cm}^2$$

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

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

Ah Şu Matematik



MİRAY