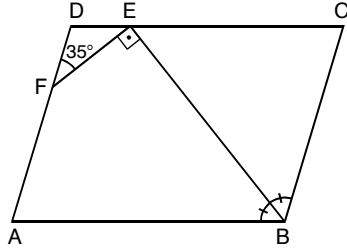


1. ABCD paralelkenar

[FE]  $\perp$  [EB]

[BE] açıortay

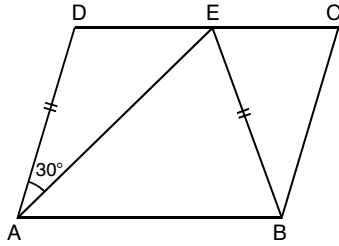
 $m(\widehat{DFE}) = 35^\circ$ olduğuna göre,  
 $m(\widehat{BCD})$  kaç  
derecedir?

- A) 80 B) 70 C) 65 D) 60 E) 55

2. ABCD paralelkenar

|AD| = |BE|

|AE| = |DC|

 $m(\widehat{DAE}) = 30^\circ$ olduğuna göre,  
 $m(\widehat{EAB})$  kaç  
derecedir?

- A) 30 B) 40 C) 45 D) 50 E) 55

3. ABCD paralelkenar

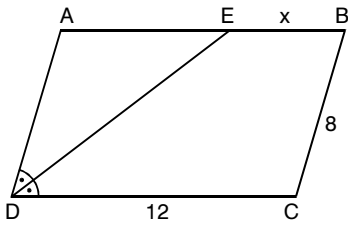
[DE] açıortay

|DC| = 12 cm

|BC| = 8 cm

olduğuna göre,

|EB| = x kaç cm dir?



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

4. ABCD paralelkenar

[CE] ve [DF]

açıortay

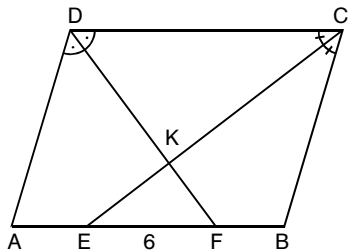
|EF| = 6 cm

ABCD paralelkenarının

çevresi 48 cm

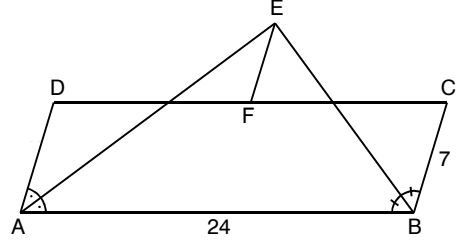
olduğuna göre,

|BC| kaç cm dir?



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

- 5.

ABCD paralelkenar, [EF] // [BC], [AE] ve [BE] açıortay  
|AB| = 24 cm, |BC| = 7 cm olduğuna göre,

|EF| kaç cm dir?

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

6. ABCD paralelkenar

D, A, K noktaları

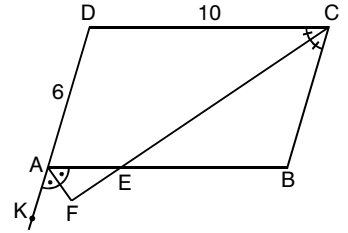
doğrusal

[AF] ve [CF]

açıortay

|AD| = 6 cm

|DC| = 10 cm

olduğuna göre,  $\frac{|CE|}{|EF|}$  oranı kaçtır?

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

7. ABCD paralelkenar

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

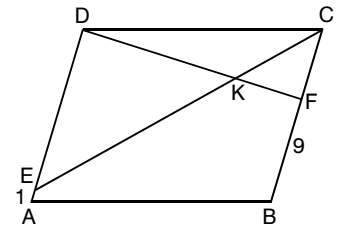
3|DK| = 7|KF|

|AE| = 1 cm

|BF| = 9 cm

olduğuna göre,

|CF| kaç cm dir?



- A) 4 B) 5 C) 6 D) 7 E) 8

8. ABCD paralelkenar

[AE]  $\perp$  [BC][AF]  $\perp$  [DC]

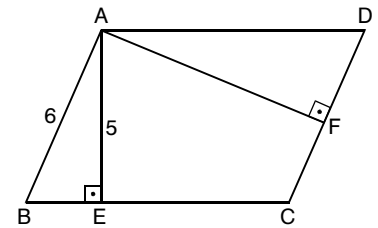
|AB| = 6 cm

|AE| = 5 cm

|BC| = 10 cm

olduğuna göre,

|DF| kaç cm dir?



- A)
- $\frac{5\sqrt{11}}{3}$
- B)
- $\frac{5\sqrt{7}}{2}$
- C)
- $4\sqrt{11}$
- D)
- $\frac{15\sqrt{3}}{2}$
- E) 3

9. ABCD paralelkenar

$[AC] \cap [ED] = \{G\}$

A, B, E doğrusal

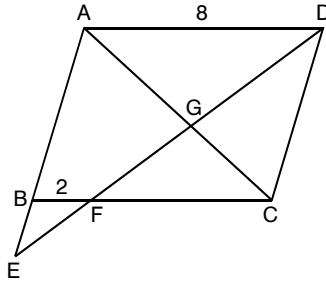
$|BF| = 2 \text{ cm}$

$|AD| = 8 \text{ cm}$

olduğuna göre,

$\frac{|EF|}{|GD|}$  oranı kaçtır?

- A) 1 B)
- $\frac{2}{3}$
- C)
- $\frac{4}{5}$
- D)
- $\frac{7}{12}$
- E)
- $\frac{6}{5}$



10. ABCD paralelkenar

[AC] köşegen

$[BE] \cap [BF] = \{B\}$

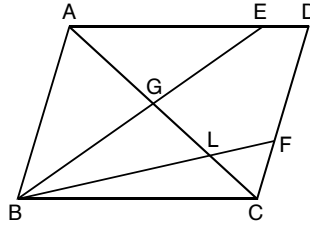
$|AB| = 3|FC|$

$5|ED| = 2|AE|$

olduğuna göre,

$\frac{|CL|}{|AG|}$  oranı kaçtır?

- A)
- $\frac{3}{5}$
- B)
- $\frac{5}{8}$
- C)
- $\frac{4}{5}$
- D)
- $\frac{7}{8}$
- E)
- $\frac{2}{3}$



11. ABCD paralelkenar

$[AF] \cap [GE] = \{H\}$

$|AH| = |HF|$

$|GH| = 4 \text{ cm}$

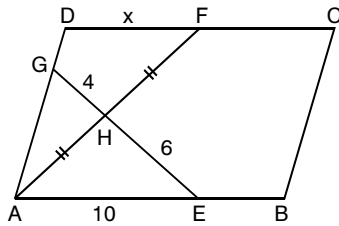
$|HE| = 6 \text{ cm}$

$|AE| = 10 \text{ cm}$

olduğuna göre,

$|DF| = x$  kaç cm dir?

- A) 4 B) 5 C) 6 D) 8 E) 9



12. ABCD paralelkenar

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

$|CE| = 2|DE|$

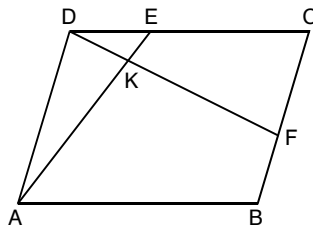
$2|CF| = 3|FB|$

$|AE| = 24 \text{ cm}$

olduğuna göre,

$|KE|$  kaç cm dir?

- A) 4 B) 5 C) 6 D) 7 E) 8



13. ABCD paralelkenar

$|BC| = 6 \text{ cm}$

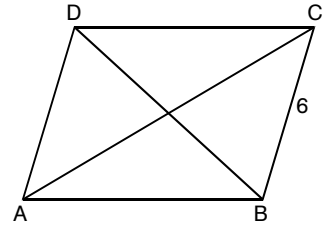
$|AC| = 12 \text{ cm}$

$|BD| = 2\sqrt{14} \text{ cm}$

olduğuna göre,

$|AB|$  kaç cm dir?

- A)
- $4\sqrt{3}$
- B)
- $3\sqrt{6}$
- C)
- $2\sqrt{15}$
- D) 8 E) 9



14. ABCD paralelkenar

Alan(DEF) = 32 cm<sup>2</sup>

Alan(BEF) = 26 cm<sup>2</sup>

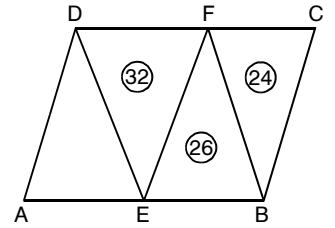
Alan(BFC) = 24 cm<sup>2</sup>

olduğuna göre,

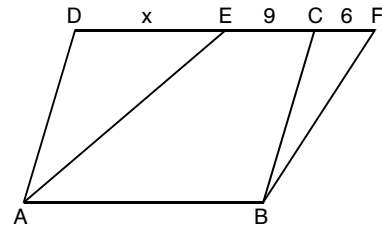
Alan(ADE)

kaç cm<sup>2</sup> dir?

- A) 30 B) 28 C) 27 D) 25 E) 24



- 15.

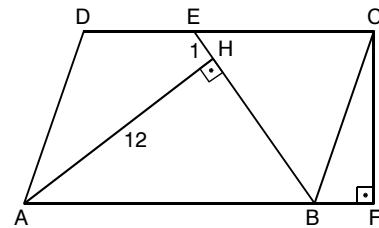
ABCD paralelkenar, D, C, F doğrusal,  $|CF| = 6 \text{ cm}$ 

$|EC| = 9 \text{ cm}$ ,  $\frac{\text{Alan}(ABFE)}{\text{Alan}(ABCD)} = \frac{4}{5}$  olduğuna göre,

$|DE| = x$  kaç cm dir?

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

- 16.

ABCD paralelkenar,  $[AH] \perp [BE]$ ,  $[CF] \perp [AF]$ ,  $|AH| = 12 \text{ cm}$ 

$|EH| = 1 \text{ cm}$ , Alan(ABCD) = 120 cm<sup>2</sup> olduğuna göre,

$|CF|$  kaç cm dir?

- A) 6 B) 8 C) 9 D) 10 E) 12