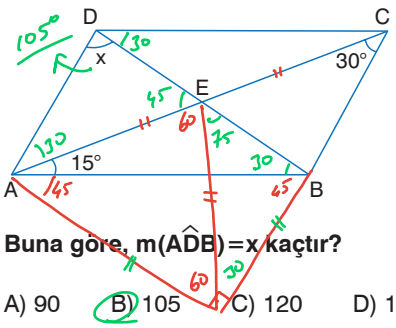
1.



ABCD paralelkenar

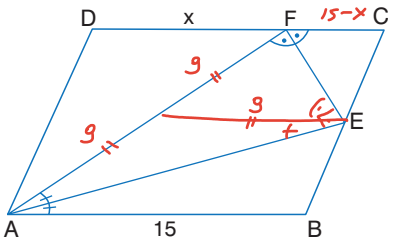
$m(\widehat{EAB}) = 15^\circ$

$m(\widehat{ACB}) = 30^\circ$

Buna göre, $m(\widehat{ADB}) = x$ kaçtır?

A) 90 B) 105 C) 120 D) 135 E) 150

2.



ABCD paralelkenar

[FE] ve [AE] açıortay

$|AB| = 15$ cm

$|AF| = 18$ cm

Buna göre, $|DF| = x$ kaç cm'dir?

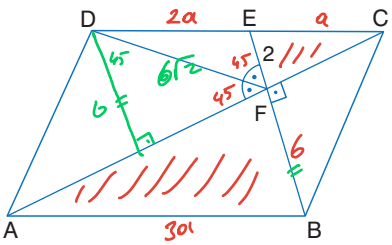
A) 9 B) 10 C) 11 D) 12 E) 13

$\frac{15+15-x}{2} = 9$

$30 - x = 18$

$x = 12$

3.



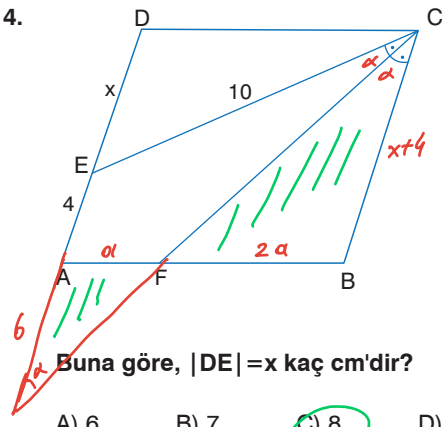
ABCD paralelkenar, $[BE] \perp [AC]$, $m(\widehat{AFD}) = m(\widehat{DFE})$

$|EF| = 2$ cm, $|DE| = 2|EC|$

Buna göre $|DF|$ kaç cm'dir?

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

4.



ABCD paralelkenar

[CF] açıortay

$|FB| = 2|AF|$

$|AE| = 4$ cm

$|EC| = 10$ cm

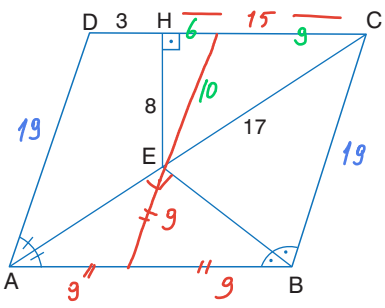
Buna göre, $|DE| = x$ kaç cm'dir?

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

$\frac{6}{x+4} = \frac{9}{2a}$

$x = 8$

5.



ABCD paralelkenar

[AE] ve [BE] açıortay

$[EH] \perp [DC]$

$|DH| = 3$ cm

$|EH| = 8$ cm

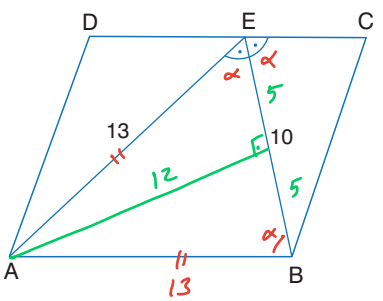
$|EC| = 17$ cm

Buna göre, Ç(ABCD) kaç cm'dir?

A) 68 B) 70 C) 72 D) 74 E) 76

$Ç = \frac{18+18}{36} + \frac{19+19}{38} = 74$

6.



ABCD paralelkenar

$|AE| = 13$ cm

$|BE| = 10$ cm

Buna göre, A(ABCD) kaç cm^2'dir?

A) 110 B) 120 C) 130 D) 140 E) 150

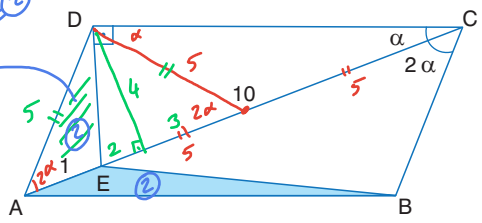
$A(ABE) = \frac{10 \cdot 12}{2} = 60$

$A(ABCD) = 60 \times 2 = 120$

1-B	2-D	3-E

4-C	5-D	6-B

7.



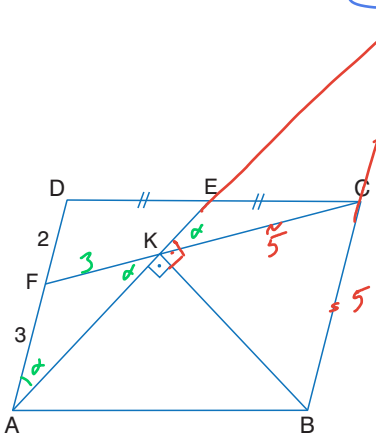
ABCD paralelkenar, $[ED] \perp [DC]$

$m(\widehat{ACB}) = 2m(\widehat{ACD})$, $|AE| = 1$ cm, $|EC| = 10$ cm

Buna göre, taralı alan kaç cm^2'dir?

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

8.



ABCD paralelkenar

$[AE] \perp [BK]$

$|DE| = |EC|$

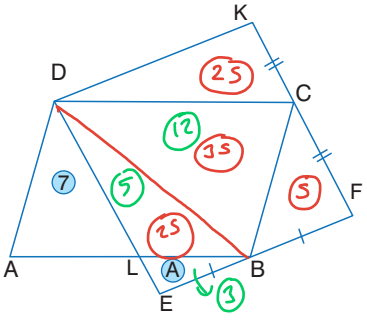
$|DF| = 2$ cm

$|AF| = 3$ cm

Buna göre, $|FC|$ kaç cm'dir?

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

9.



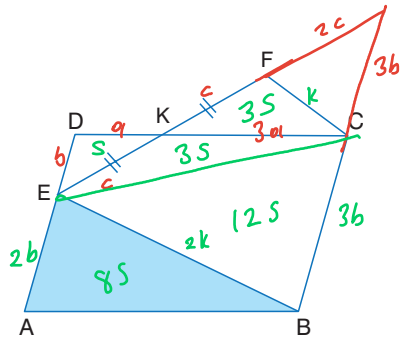
ABCD ve DEFK paralelkenardır.

$|KC| = |CF|$, $|EB| = |BF|$, $A(DEFK) = 32$ cm^2

$A(\widehat{ADL}) = 7$ cm^2 ise $A(\widehat{BEL}) = A$ kaçtır?

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

10.



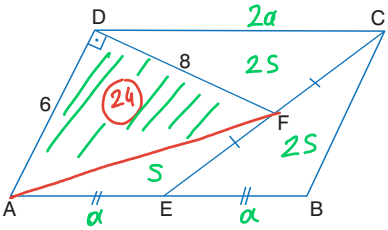
ABCD paralelkenar, $[BE] // [FC]$, $|EK| = |KF|$

$A(BCFE) = 18$ cm^2, $|KC| = 3|DK|$

Buna göre, taralı alan kaç cm^2'dir?

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

11.



ABCD paralelkenar

$[AD] \perp [DF]$

$|EF| = |FC|$

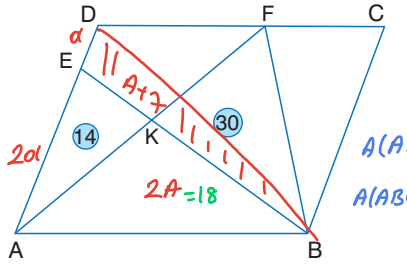
$|AE| = |EB|$

C, F, E doğrusal

Buna göre, A(ABCD) kaç cm^2'dir?

A) 36 B) 48 C) 64 D) 72 E) 100

12.



ABCD paralelkenar, $\widehat{ABF}$ üçgen, B, K, E doğrusal

$|AE| = 2|DE|$

Şekilde verilenler bulundukları bölgelerin alanları olduğuna göre, A(ABCD) kaç cm^2'dir?

A) 96 B) 102 C) 114 D) 120 E) 124

7-D | 8-E | 9-B

10-C | 11-C | 12-A