

1. ABCD paralelkenar

Alan(BKC) = 10 br²

Alan(CKD) = 6 br²

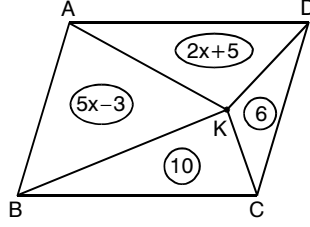
Alan(AKD) = (2x+5) br²

Alan(AKB) = (5x-3) br²

olduğuna göre,

Alan(ABCD) kaç br² dir?

- A) 34 B) 40 C) 46 D) 52 E) 60



2. ABDE paralelkenar

[NS] // [AB]

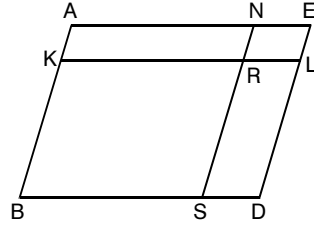
[KL] // [AE]

|AN| = 3|NE|

|KB| = 4|AK|

olduğuna göre, $\frac{\text{Alan(AKRN)}}{\text{Alan(SDLR)}}$ oranı kaçtır?

- A)
- $\frac{9}{16}$
- B)
- $\frac{3}{4}$
- C) 1 D)
- $\frac{4}{3}$
- E) 2



3. ABCD paralelkenar

[BK] ve [CK] açıortay

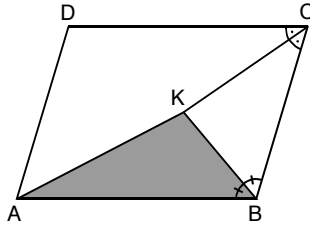
Alan(KAB) = 12 cm²

olduğuna göre,

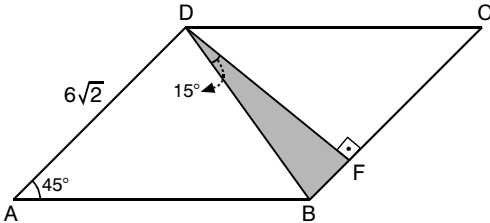
Alan(ABCD)

kaç cm² dir?

- A) 24 B) 36 C) 45 D) 48 E) 54



- 4.



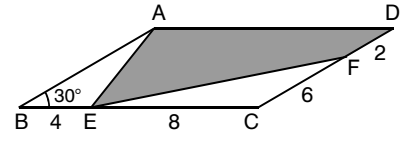
ABCD paralelkenar, [DF] ⊥ [BC], m(DAB) = 45°

m(BDF) = 15°, |AD| = 6√2 cm olduğına göre,

Alan(BDF) kaç cm² dir?

- A) 4 B) 5 C) 6 D) 8 E) 12

- 5.



ABCD paralelkenar, |BE| = 4 cm, |EC| = 8 cm, |CF| = 6 cm

|DF| = 2 cm, m(ABC) = 30° olduğına göre,

Alan(AEFD) kaç cm² dir?

- A) 24 B) 28 C) 30 D) 32 E) 36

6. ABCD paralelkenar

[AF] ⊥ [BD]

m(FAB) = 45°

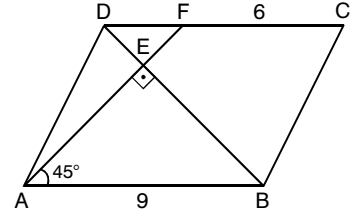
|AB| = 9 cm

|FC| = 6 cm

olduğına göre,

Alan(ABCD) kaç cm² dir?

- A) 36 B) 40 C) 45 D) 48 E) 54



7. ABCD paralelkenar

3|BC| = 5|FE|

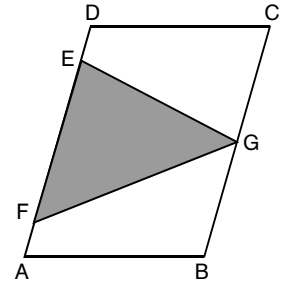
Alan(EFG) = 12 cm²

olduğına göre,

Alan(ABCD)

kaç cm² dir?

- A) 30 B) 32 C) 36 D) 38 E) 40



8. ABCD paralelkenar

[AC] ∩ [EB] = {F}

3|EC| = |AB|

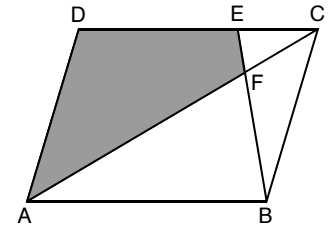
Alan(BFC) = 12 cm²

olduğına göre,

Alan(AFED)

kaç cm² dir?

- A) 44 B) 42 C) 36 D) 32 E) 30



9. ABCD paralelkenar

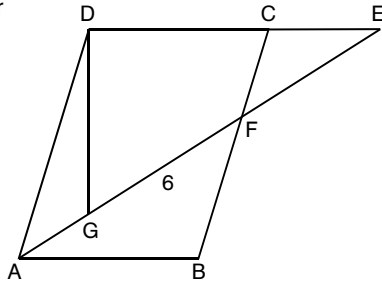
AED üçgen

$3|EC| = 2|AB|$

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

$\frac{\text{Alan}(\text{ADG})}{\text{Alan}(\text{ABCD})} = \frac{1}{6}$

olduğuna göre,

 $|AE|$ kaç cm dir?

- A) 24 B) 20 C) 18 D) 15 E) 12

10. ABCD paralelkenar

$|DE| = 3|EC|$

$|AF| = 4|FD|$

$\text{Alan}(\text{DEF}) = 9 \text{ cm}^2$

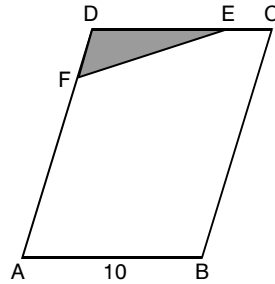
$|AB| = 10 \text{ cm}$

olduğuna göre,

D noktasının

 $[AB]$ na uzaklığı

kaç cm dir?



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

11. ABCD paralelkenar

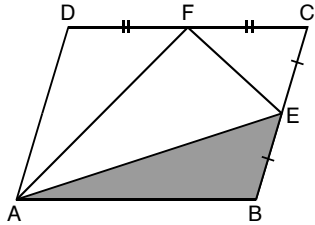
$|DF| = |FC|$

$|BE| = |EC|$

$\text{Alan}(\text{AFE}) = 15 \text{ cm}^2$

olduğuna göre,

Alan(ABE)

kaç cm^2 dir?

- A) 6 B) 9 C) 10 D) 12 E) 15

12. ABCD paralelkenar

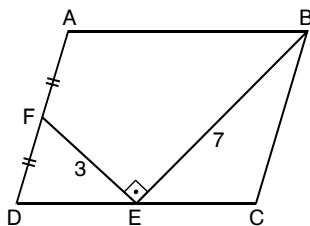
$[BE] \perp [EF]$

$|AF| = |FD|$

$2|CE| = 3|DE|$

$|BE| = 7 \text{ br}$

$|EF| = 3 \text{ br}$

olduğuna göre, Alan(ABCD) kaç br^2 dir?

- A) 21 B) 24 C) 30 D) 35 E) 42

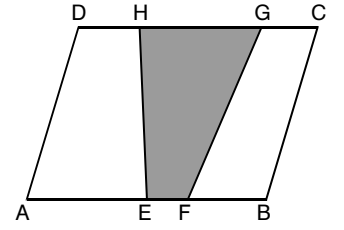
13. ABCD paralelkenar

$\frac{|EF|}{|AB|} = \frac{1}{9}$

$\frac{|HG|}{|DC|} = \frac{1}{2}$

$\text{Alan}(\text{EFGH}) = x \text{ br}^2$

olduğuna göre,

Alan(ABCD) kaç $x \text{ br}^2$ dir?

- A)
- $\frac{18}{5}$
- B)
- $\frac{16}{5}$
- C) 3 D)
- $\frac{35}{11}$
- E)
- $\frac{36}{11}$

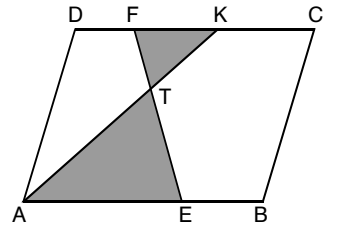
14. ABCD paralelkenar

$[AK] \cap [EF] = \{T\}$

$|DC| = 3|FK|$

$|AE| = 2|EB|$

Taralı bölgelerin alanlarının

toplamı 20 cm^2 olduğuna göre, Alan(ABCD) kaç cm^2 dir?

- A) 72 B) 64 C) 60 D) 54 E) 48

15. ABCD paralelkenar

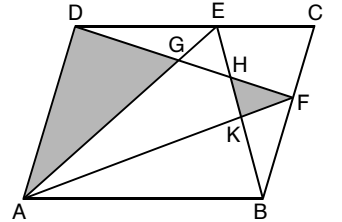
AEB ve AFD üçgen

$\text{Alan}(\text{EGH}) = 2 \text{ cm}^2$

$\text{Alan}(\text{ABK}) = 8 \text{ cm}^2$

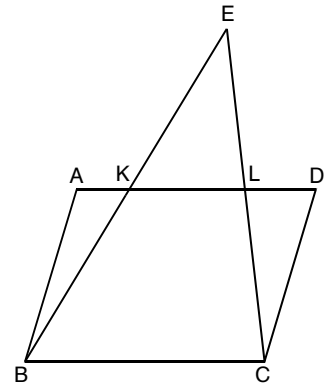
olduğuna göre,

Alan(ADG) + Alan(HKF)

toplamı kaç cm^2 dir?

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

- 16.



ABCD paralelkenar, Alan(ABK) + Alan(LDC) = Alan(EKL)

 $|EB| = 16 \text{ cm}$ olduğuna göre, $|EK|$ kaç cm dir?

- A) 4 B) 6 C) 8 D) 10 E) 12