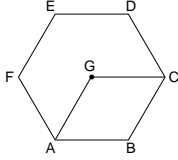


Çokgenler

Geometri 06

1. Düzgün bir altıgen

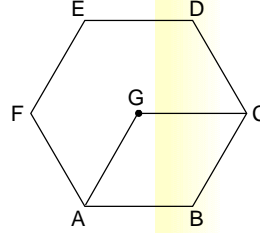


Çevre (ABCDEF) = 24 cm

Alan (ABCDEF) = x cm<sup>2</sup> ⇒ x = ?

- A)  $12\sqrt{3}$  B)  $18\sqrt{3}$  C)  $24\sqrt{3}$  D)  $28\sqrt{3}$  E)  $32\sqrt{3}$

4. ABCDEF düzgün altıgen

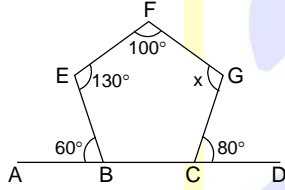


$|AB| = |BC| = |CG| = |GA| = 6$  cm

Alan (ABCDEF) = ? cm<sup>2</sup>

- A)  $12\sqrt{3}$  B)  $18\sqrt{3}$  C)  $20\sqrt{3}$  D)  $24\sqrt{3}$  E)  $54\sqrt{3}$

2.



ABCD doğrusaldır.

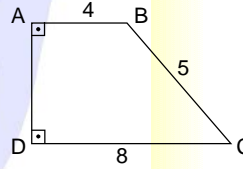
$m(\hat{ABE}) = 60^\circ$ ,  $m(\hat{GCD}) = 80^\circ$ ,  $m(\hat{BEF}) = 130^\circ$

$m(\hat{EFG}) = 100^\circ$

$m(\hat{FGC}) = x = ?$

- A) 70 B) 80 C) 90 D) 100 E) 110

5.



ABCD dik yamuğunda,

$[AB] \perp [AD]$ ,

$[AD] \perp [DC]$

$|AB| = 4$  cm

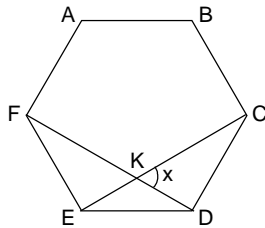
$|BC| = 5$  cm

$|DC| = 8$  cm

Alan (ABCD) = ? cm<sup>2</sup>

- A) 6 B) 8 C) 12 D) 16 E) 18

3.

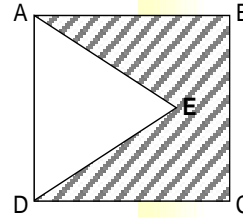


Şekilde ABCDEF düzgün altıgendir. [FD] ve [EC] köşegendir.

$m(\hat{CKD}) = ?$

- A) 40 B) 50 C) 60 D) 70 E) 80

6.



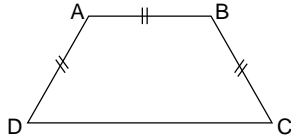
ABCD kare ADE eşkenar üçgendir.

Çevre (ABCDE) = 20 cm

Alan (ABCDE) = ? cm<sup>2</sup>

- A)  $16 - 4\sqrt{3}$  B)  $16\sqrt{3}$  C)  $12\sqrt{3}$   
D)  $12 - 4\sqrt{3}$  E)  $16 - 16\sqrt{3}$

7.



$$|AB| = |AD| = |BC|$$

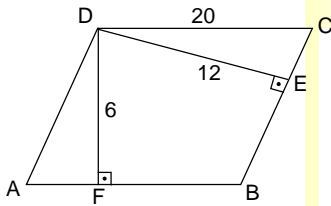
$$m(\hat{A}BC) = 2 \cdot m(\hat{B}CD)$$

$$\text{Ç}(ABCD) = 20 \text{ cm}$$

$$|CD| = ? \text{ cm}$$

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

8.



$$[AB] \parallel [DC]$$

$$[AD] \parallel [BC]$$

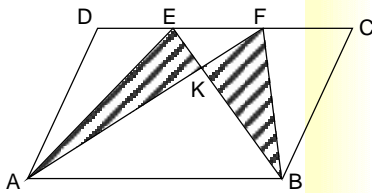
$$[DF] \perp [AB], [DE] \perp [BC], |DC| = 20 \text{ cm},$$

$$|DE| = 12 \text{ cm}, |DF| = 6 \text{ cm}$$

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

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

9.



$$[AB] \parallel [DC]$$

$$[AD] \parallel [BC]$$

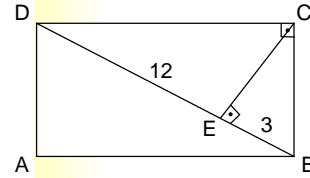
$$A(ABCD) = 30 \text{ cm}^2,$$

$$A(\hat{A}KB) = 10 \text{ cm}^2$$

$$A(\hat{A}EK) + A(\hat{B}FK) = ? \text{ cm}^2$$

- A) 3    B) 6    C) 9    D) 10    E) 12

10.



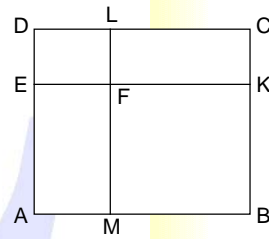
ABCD dikdörtgendir.

$$[CE] \perp [BD], |DE| = 12 \text{ cm}, |EB| = 3 \text{ cm}$$

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

- A) 45    B) 60    C) 75    D) 90    E) 120

11.



Şekilde, ABCD; MFKB  
ve DEFL birer karedir.

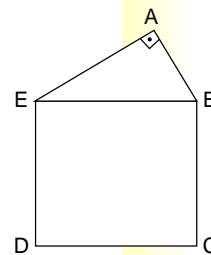
$$A(ABCD) = 64 \text{ cm}^2$$

$$A(DLFE) = 9 \text{ cm}^2$$

$$A(\hat{M}BKF) = ? \text{ cm}^2$$

- A) 16    B) 20    C) 25    D) 36    E) 49

12.



ABE üçgen

BCDE karedir.

$$\text{Ç}(BCDE) = 52 \text{ cm}^2$$

$$A(\hat{A}BE) = 30 \text{ cm}^2$$

$$|AB| + |AE| = ?$$

- A) 9    B) 10    C) 11    D) 14    E) 17

1	2	3	4	5	6	7	8	9	10	11	12
C	C	C	E	E	A	A	E	D	D	C	E