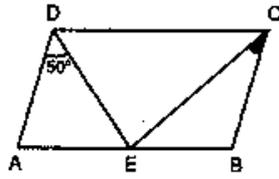
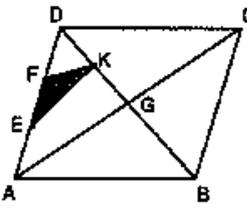
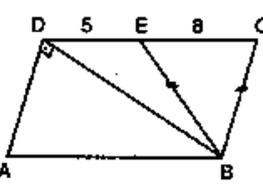
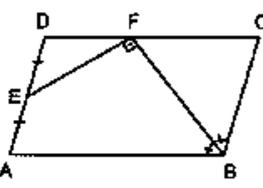
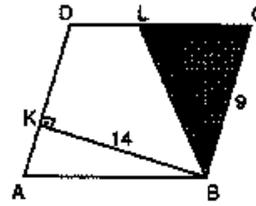


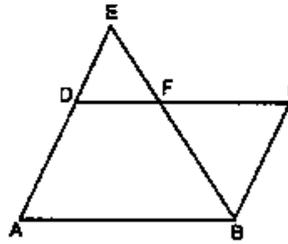
1.  ABCD paralelkenar  
|BC| = |DE|  
|CD| = |CE|  
 $m(\widehat{ADE}) = 50^\circ$   
Yukarıdaki verilere göre,  $m(\widehat{ECB})$  kaç derecedir?  
A) 10 B) 15 C) 20 D) 25 E) 30

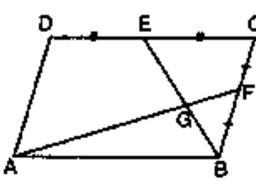
2.  ABCD paralelkenar  
|AE| = |EF| = |FD|  
|DK| = |KG|  
 $A(EKF) = 2 \text{ cm}^2$   
Yukarıdaki verilere göre,  $A(ABCD)$  kaç  $\text{cm}^2$  dir?  
A) 40 B) 44 C) 48 D) 50 E) 54

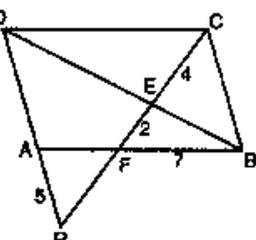
3.  ABCD paralelkenar  
 $[AD] \perp [DB]$   
|BE| = |BC|  
|ED| = 5 cm  
|EC| = 8 cm  
Yukarıdaki verilere göre,  $A(ABCD)$  kaç  $\text{cm}^2$  dir?  
A) 60 B) 69 C) 78 D) 84 E) 96

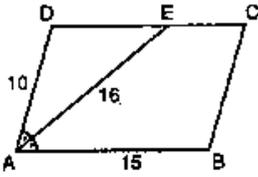
4.  ABCD paralelkenar  
 $[EF] \perp [BF]$   
[BF] açıortay  
 $A(ABCD) = 27 \text{ cm}^2$   
|BF| = 6 cm  
Yukarıdaki verilere göre, |EF| kaç cm dir?  
A) 2 B) 3 C) 4 D) 6 E) 8

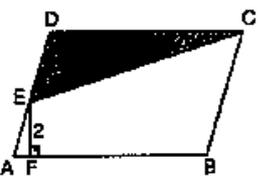
5.  ABCD paralelkenar  
|AB| = 3 |DL|  
 $[BK] \perp [DA]$   
|BC| = 9 cm  
|BK| = 14 cm  
Yukarıdaki verilere göre,  $A(BLC)$  kaç  $\text{cm}^2$  dir?  
A) 63 B) 56 C) 52 D) 49 E) 42

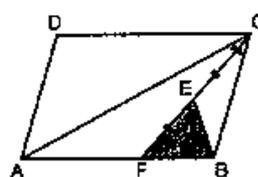
6.  ABCD paralelkenar,  
EAB eşkenar üçgen  
 $\frac{\text{Alan}(EAB)}{\text{Alan}(DEF)} = 9$   
 $A(ABCD) = k \cdot A(BCF)$  eşitliğini sağlayan k değeri aşağıdakilerden hangisidir?  
A) 1 B) 2 C) 3 D) 4 E) 6

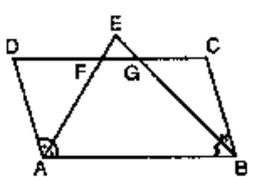
7.  ABCD paralelkenar  
|DE| = |EC|  
|CF| = |FB|  
|BE| = 20 cm  
Yukarıdaki verilere göre, |GB| kaç cm dir?  
A) 9 B) 8 C) 7 D) 6 E) 5

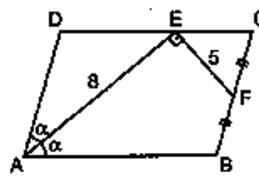
8.  |AR| = 5 cm  
|FB| = 7 cm  
|CE| = 4 cm  
|EF| = 2 cm  
Yukarıdaki verilere göre,  $A(ABCD)$  kaç  $\text{cm}^2$  dir?  
A)  $6\sqrt{6}$  B)  $9\sqrt{6}$  C)  $12\sqrt{6}$  D)  $18\sqrt{6}$  E)  $24\sqrt{6}$

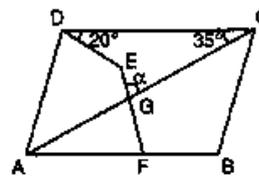
9.  ABCD paralelkenar  
[AE] açıortaydır.  
|AD| = 10 cm  
|AE| = 16 cm  
|AB| = 15 cm
- Yukarıdaki verilere göre, A(ABCD) kaç  $\text{cm}^2$  dir?
- A) 48 B) 72 C) 96 D) 118 E) 144

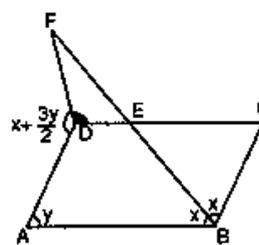
10.  ABCD paralelkenar  
[EF] ⊥ [AB]  
 $\frac{|DE|}{|EA|} = 3$   
|DC| = 6 cm  
|EF| = 2 cm
- Yukarıdaki verilere göre, A(DEC) kaç  $\text{cm}^2$  dir?
- A) 12 B) 14 C) 16 D) 18 E) 20

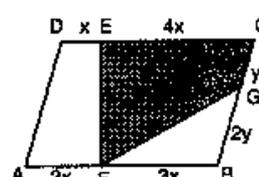
11.  ABCD paralelkenar  
A(ABCD) = 140  $\text{cm}^2$   
2|AC| = 5|AD|  
[CF] açıortay  
|CE| = |EF|
- Yukarıdaki verilere göre, A(FEB) kaç  $\text{cm}^2$  dir?
- A) 10 B) 12 C) 14 D) 16 E) 20

12.  ABCD paralelkenar  
[AE] ve [BE]  
açıortaylar  
|AE| = 6 cm  
|BE| = 8 cm  
|FG| = 2 cm
- Yukarıdaki verilere göre, paralelkenarın çevresi kaç cm dir?
- A) 36 B) 34 C) 32 D) 28 E) 24

13.  ABCD paralelkenar  
 $m(\widehat{AEF}) = 90^\circ$   
|CF| = |FB|  
[AE] açıortay  
|AE| = 8 cm  
|EF| = 5 cm
- Yukarıdaki verilere göre, ABCD paralelkenarının alanı kaç  $\text{cm}^2$  dir?
- A) 120 B) 100 C) 80 D) 60 E) 40

14.  ABCD paralelkenar  
 $m(\widehat{EDC}) = 20^\circ$   
 $m(\widehat{DCA}) = 35^\circ$   
|AD| = |AF|  
|DE| = |EF|  
 $m(\widehat{ADE}) = m(\widehat{DAF})$
- Yukarıdaki verilere göre,  $m(\widehat{EGC}) = \alpha$  kaç derecedir?
- A) 60 B) 65 C) 70 D) 75 E) 80

15.  Düzlemsel şekilde  
ABCD paralelkenar  
 $m(\widehat{ABF}) = m(\widehat{FBC}) = x$   
 $m(\widehat{DAB}) = y$   
 $m(\widehat{FDA}) = \left(x + \frac{3y}{2}\right)$
- Yukarıdaki verilere göre, FDC açısının ölçüsü kaç derecedir?
- A) 90 B)  $\frac{x}{2} + y$  C)  $90 - \frac{y}{2}$   
D)  $90 + \frac{y}{2}$  E)  $90 + \frac{x}{2}$

16.  ABCD paralelkenarının alanı 30  $\text{cm}^2$  dir.  
|DE| = x  
|EC| = 4x  
|AF| = 2x  
|FB| = 3x  
|GC| = y  
|BG| = 2y
- Yukarıdaki verilere göre, A(EFGC) kaç  $\text{cm}^2$  dir?
- A) 15 B) 18 C) 21 D) 23 E) 25

YANITLAR

1-B 2-C 3-C 4-B 5-E 6-C 7-B 8-E 9-E 10-D 11-A 12-D 13-D 14-B 15-A 16-A