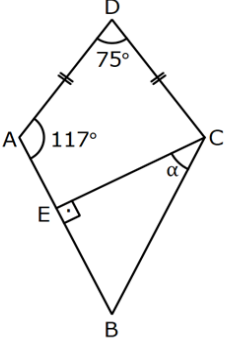


DELTOİD

1)

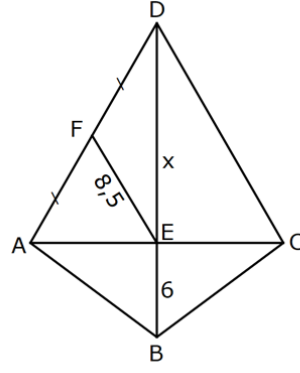


ABCD deltoid  
 $|AD| = |DC|$   
 $m(\widehat{ADC}) = 75^\circ$   
 $m(\widehat{BAD}) = 117^\circ$   
 $[CE] \perp [AB]$

Yukarıda verilenlere göre,  $m(\widehat{BCE}) = \alpha$  kaç derecedir?

- A) 30 B) 32 C) 35 D) 39 E) 41

3)

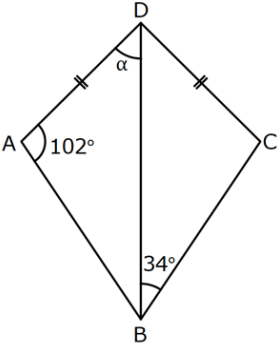


ABCD deltoid  
 $[AC]$  ve  $[BD]$  köşegen  
 $|AD| = |DC|$   
 $|AF| = |FD|$   
 $|FE| = 8,5$  cm  
 $|EB| = 6$  cm  
 $\text{Ç}(ABCD) = 54$  cm

Yukarıda verilenlere göre,  $|DE| = x$  kaç cm dir?

- A) 12 B) 15 C) 16 D) 18 E) 20

2)

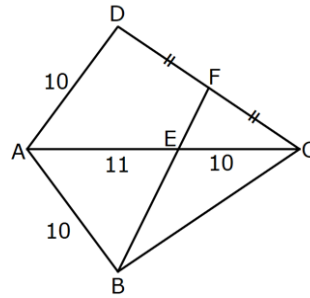


ABCD deltoid  
 $|AD| = |DC|$   
 $m(\widehat{BAD}) = 102^\circ$   
 $m(\widehat{DBC}) = 34^\circ$

Yukarıda verilenlere göre,  $m(\widehat{ADB}) = \alpha$  kaç derecedir?

- A) 26 B) 34 C) 38 D) 42 E) 44

4)

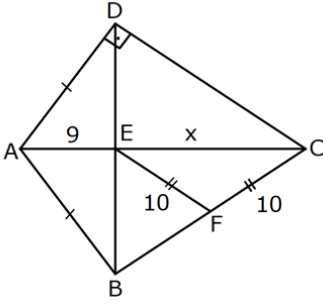


ABCD deltoid  
 $[AC] \cap [BF] = \{E\}$   
 $|DF| = |FC|$   
 $|AB| = |AD| = |EC| = 10$  cm  
 $|AE| = 11$  cm

Yukarıda verilenlere göre,  $\text{Ç}(ABCD)$  kaç cm dir?

- A) 44 B) 46 C) 50 D) 53 E) 54

5)

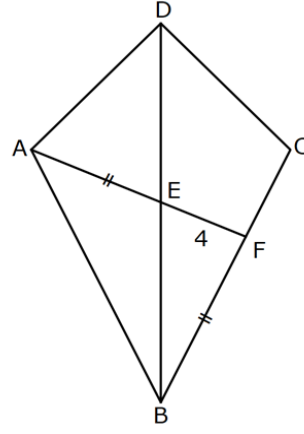


ABCD deltoid  
 $|AB| = |AD|$   
 $[AD] \perp [DC]$   
 $[AC] \cap [BD] = \{E\}$   
 $|EF| = |FC| = 10 \text{ cm}$   
 $|AE| = 9 \text{ cm}$

Yukarıda verilenlere göre,  $|EC| = x$  kaç cm dir?

- A) 16    B) 17    C) 18    D) 19    E) 20

7)

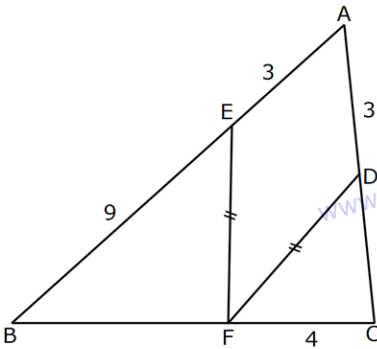


ABCD deltoid  
 $[AF] \cap [BD] = \{E\}$   
 $|AD| = |DC|$   
 $|AE| = |BF|$   
 $|EF| = 4 \text{ cm}$   
 $|AB| = 3|FC|$

Yukarıdaki verilere göre,  $|AB|$  kaç cm dir?

- A) 9    B) 10    C) 11    D) 12    E) 16

6)

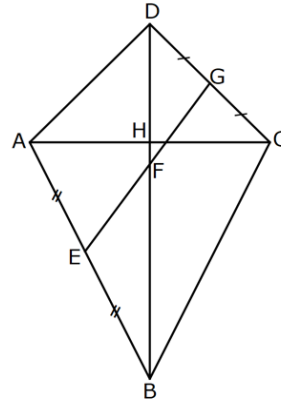


ABC üçgen  
 $|EF| = |FD|$   
 $|AE| = |AD| = 3 \text{ cm}$   
 $|BE| = 9 \text{ cm}$   
 $|FC| = 4 \text{ cm}$   
 $|BF| - |CD| = 1 \text{ cm}$

Yukarıda verilenlere göre,  $\angle(ABC)$  kaç cm dir?

- A) 22    B) 25    C) 30    D) 32    E) 36

8)

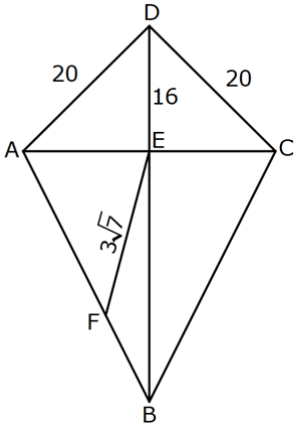


ABCD deltoid  
 $[AC] \cap [BD] = \{H\}$   
 $|AD| = |DC|$   
 $|AE| = |EB|$   
 $|DG| = |GC|$   
 $|AC| = 18 \text{ cm}$   
 $|BD| = 30 \text{ cm}$

Yukarıdaki verilere göre,  $|EG|$  kaç cm dir?

- A)  $4\sqrt{15}$     B) 17    C)  $5\sqrt{10}$     D)  $3\sqrt{34}$     E)  $8\sqrt{5}$

9)

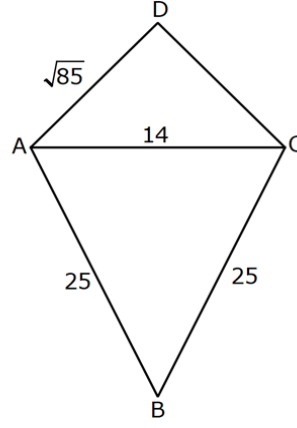


ABCD deltoid  
 $[AC] \cap [BD] = \{E\}$   
 $|AD| = |DC| = 20 \text{ cm}$   
 $|DE| = 16 \text{ cm}$   
 $|EF| = 3\sqrt{7} \text{ cm}$   
 $|AF| = 3|FB|$

Yukarıdaki verilere göre,  $|AB|$  kaç cm dir?

- A)  $4\sqrt{15}$  B)  $9\sqrt{3}$  C)  $10\sqrt{2}$  D)  $4\sqrt{17}$  E)  $8\sqrt{5}$

11)

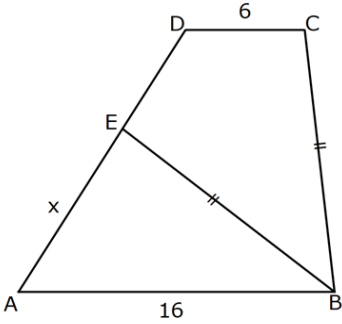


ABCD deltoid  
 $|AB| = |BC| = 25 \text{ cm}$   
 $|AD| = |DC| = \sqrt{85} \text{ cm}$   
 $|AC| = 14 \text{ cm}$

Yukarıdaki verilere göre, A(ABCD) kaç  $\text{cm}^2$  dir?

- A) 156 B) 180 C) 196 D) 210 E) 240

10)

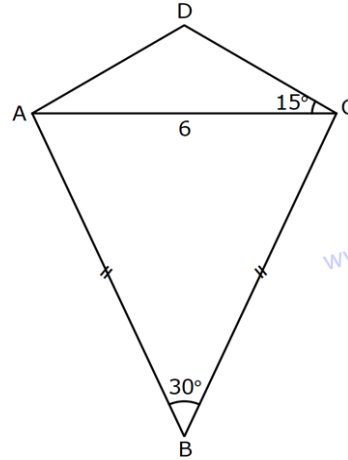


ABCD yamuk  
 BEDC deltoid  
 $|BE| = |BC|$   
 $|DC| = 6 \text{ cm}$   
 $|AB| = 16 \text{ cm}$

Yukarıda verilenlere göre,  $|AE| = x$  kaç cm dir?

- A) 6 B) 8 C) 10 D) 12 E) 14

12)

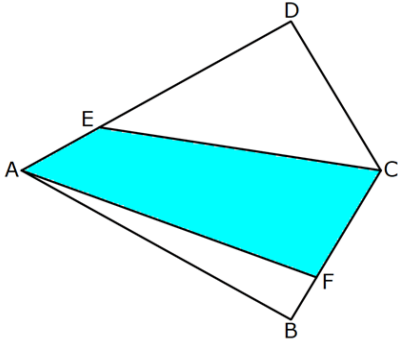


ABCD deltoid  
 $|AB| = |BC|$   
 $|AC| = 6 \text{ cm}$   
 $m(\widehat{ACD}) = 15^\circ$   
 $m(\widehat{ABC}) = 30^\circ$

Yukarıdaki verilere göre, A(ABCD) kaç  $\text{cm}^2$  dir?

- A) 36 B) 40 C) 45 D) 48 E) 52

13)



ABCD deltoid

$$|AB| = |AD|$$

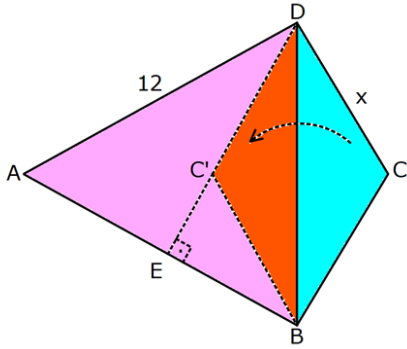
$$|ED| = 3|AE|$$

$$|CF| = 2|BF|$$

Yukarıdaki verilere göre,  $\frac{A(AFCE)}{A(ABCD)}$  oranı kaçtır?

- A)  $\frac{3}{8}$     B)  $\frac{5}{12}$     C)  $\frac{7}{16}$     D)  $\frac{9}{20}$     E)  $\frac{11}{24}$

14)



$|AB| = |AD| = 12$  cm olan ABCD deltoidi yukarıdaki gibi C köşesinden tutularak, [BD] köşegeni boyunca simetrik bir şekilde katlanıyor. Bunun sonucunda oluşan ABC'D dörtgeni, başlangıçtaki dörtgenin alanının yarısı oluyor.  $[DC'] \perp [AB]$  olduğuna göre,  $|DC'| = x$  kaç cm dir?

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

#### CEVAP ANAHTARI

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