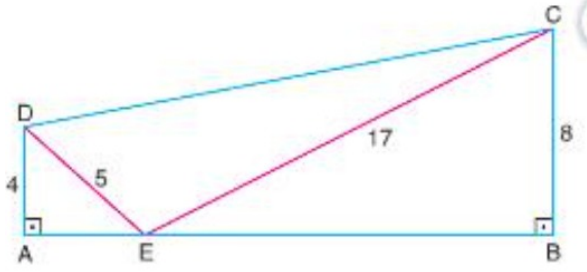


YAMUK

1.



ABCD dik yamuk , $[AD] \parallel [BC]$, $[AD] \perp [AB]$

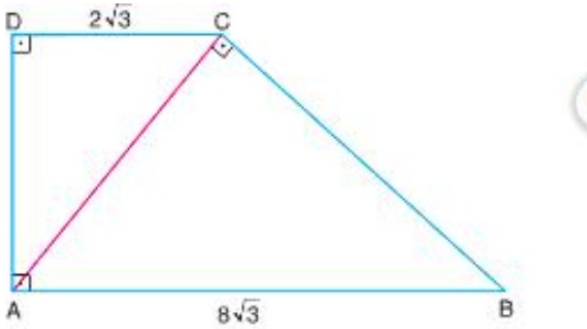
$|AD| = 4 \text{ cm}$, $|DE| = 5 \text{ cm}$, $|EC| = 17 \text{ cm}$

$|BC| = 8 \text{ cm}$

Yukarıdaki verilere göre, \widehat{DEC} kaç cm^2 dir?

A) 35 B) 40 C) 42 D) 45 E) 60

2.



ABCD dik yamuk , $[AB] \parallel [CD]$, $[AD] \perp [AB]$

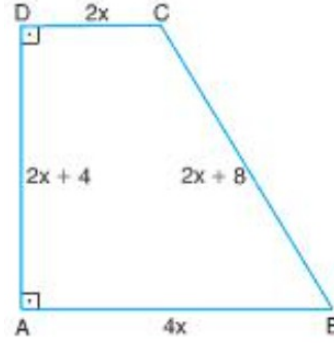
$[AC] \perp [BC]$, $|DC| = 2\sqrt{3} \text{ cm}$, $|AB| = 8\sqrt{3} \text{ cm}$

Yukarıdaki verilere göre, \widehat{ABCD} kaç cm^2 dir?

A) 45 B) $30\sqrt{3}$ C) 30

D) $15\sqrt{3}$ E) 18

3.



ABCD dik yamuk

$[AB] \parallel [CD]$

$[AD] \perp [AB]$

$|AB| = 4x \text{ cm}$

$|BC| = (2x + 8) \text{ cm}$

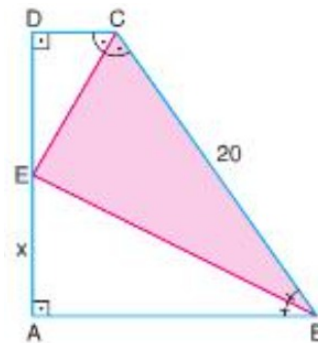
$|DC| = 2x \text{ cm}$

$|AD| = (2x + 4) \text{ cm}$

Yukarıdaki verilere göre, \widehat{ABCD} kaç cm^2 dir?

A) 144 B) 172 C) 208 D) 256 E) 288

4.



ABCD dik yamuk

$[AB] \parallel [CD]$

$[AB] \perp [AD]$

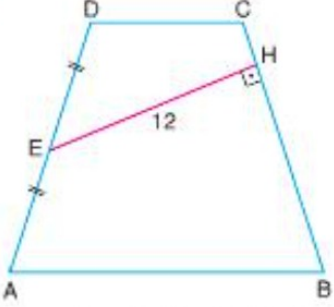
$[CE]$ ve $[BE]$
açıortay

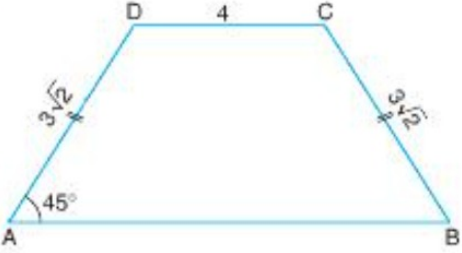
$\widehat{BCE} = 60 \text{ cm}^2$

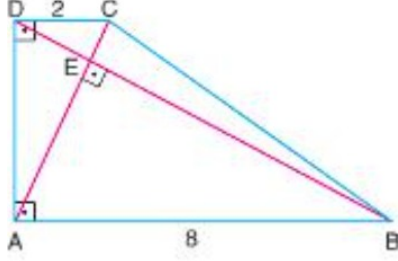
$|BC| = 20 \text{ cm}$

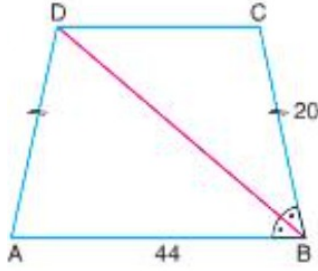
Yukarıdaki verilere göre, $|AE| = x$ kaç cm dir?

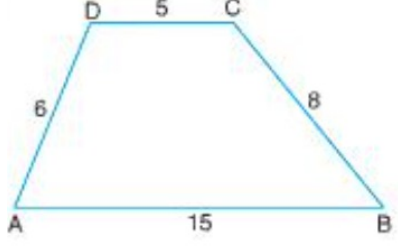
A) 4 B) 5 C) 6 D) 7 E) 8

5.  ABCD yamuk
 $[AB] \parallel [CD]$
 $[EH] \perp [BC]$
 $|DE| = |EA|$
 $|EH| = 12 \text{ cm}$
 $|BC| = 8 \text{ cm}$
- Yukarıdaki verilere göre, Alan(ABCD) kaç cm^2 dir?
- A) 52 B) 60 C) 64 D) 80 E) 96

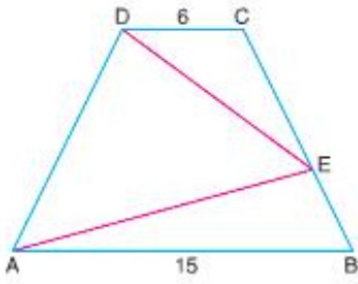
6.  ABCD ikizkenar yamuk, $[AB] \parallel [CD]$
 $|BC| = |AD| = 3\sqrt{2} \text{ cm}$, $|DC| = 4 \text{ cm}$
 $m(\widehat{BAD}) = 45^\circ$
- Yukarıdaki verilere göre, Alan(ABCD) kaç cm^2 dir?
- A) 16 B) 18 C) 20 D) 21 E) 22

7.  ABCD yamuk
 $[AB] \parallel [CD]$
 $[AD] \perp [AB]$
 $[AC] \perp [BD]$
 $|DC| = 2 \text{ cm}$
 $|AB| = 8 \text{ cm}$
- Yukarıdaki verilere göre, Alan(ABCD) kaç cm^2 dir?
- A) 24 B) 20 C) 18 D) 16 E) 15

8.  ABCD ikizkenar yamuk
 $[AB] \parallel [CD]$
 $m(\widehat{ABD}) = m(\widehat{DBC})$
 $|AD| = |BC| = 20 \text{ cm}$
 $|AB| = 44 \text{ cm}$
- Yukarıdaki verilere göre, Alan(ABCD) kaç cm^2 dir?
- A) 128 B) 216 C) 256 D) 448 E) 512

9.  ABCD yamuk
 $[AB] \parallel [CD]$
 $|AB| = 15 \text{ cm}$
 $|BC| = 8 \text{ cm}$
 $|AD| = 6 \text{ cm}$
 $|DC| = 5 \text{ cm}$
- Yukarıdaki verilere göre, Alan(ABCD) kaç cm^2 dir?
- A) 36 B) 48 C) 60 D) 64 E) 72

10.

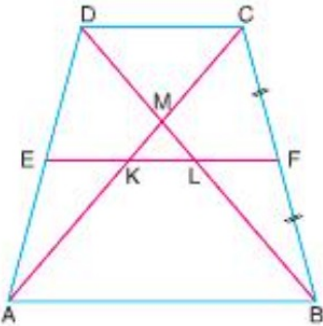


ABCD yamuk
 $[AB] \parallel [CD]$
 $|EC| = 2|EB|$
 $|DC| = 6 \text{ cm}$
 $|AB| = 15 \text{ cm}$

Yukarıdaki verilere göre, $\frac{\text{Alan}(\widehat{ADE})}{\text{Alan}(\widehat{ABE})}$ oranı kaçtır?

- A) $\frac{12}{5}$ B) $\frac{5}{2}$ C) 3
 D) $\frac{20}{3}$ E) $\frac{24}{5}$

11.

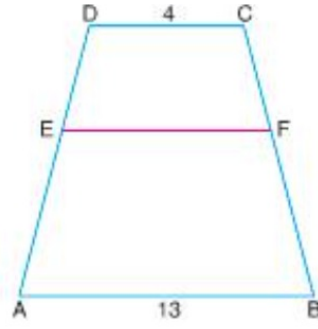


ABCD yamuk
 $[AB] \parallel [CD] \parallel [EF]$
 $[AC] \cap [BD] = \{M\}$
 $|AB| = 3|DC|$
 $|BF| = |FC|$

Yukarıdaki verilere göre, $\frac{\text{Alan}(\widehat{ABLK})}{\text{Alan}(\widehat{EFCD})}$ oranı kaçtır?

- A) $\frac{5}{2}$ B) $\frac{5}{3}$ C) $\frac{3}{2}$ D) $\frac{4}{3}$ E) 1

12.

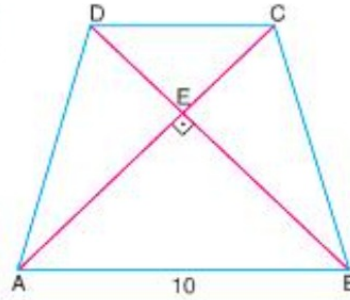


ABCD yamuk
 $[AB] \parallel [CD] \parallel [EF]$
 $|DC| = 4 \text{ cm}$
 $|AB| = 13 \text{ cm}$
 $|FB| = 2|FC|$

Yukarıdaki verilere göre, $\frac{\text{Alan}(\widehat{CDEF})}{\text{Alan}(\widehat{ABFE})}$ oranı kaçtır?

- A) $\frac{11}{40}$ B) $\frac{13}{40}$ C) $\frac{3}{8}$
 D) $\frac{17}{40}$ E) $\frac{9}{20}$

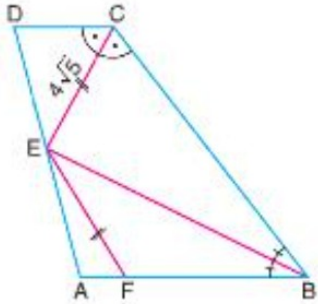
13.

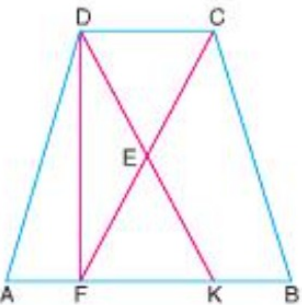


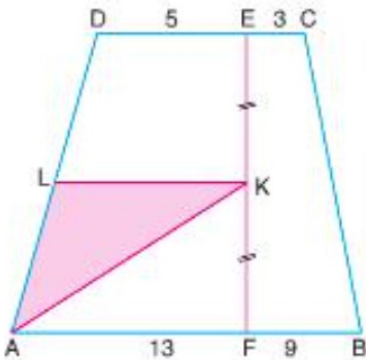
ABCD yamuk
 $[AB] \parallel [CD]$
 $[AC] \perp [BD]$
 $|AC| = 9 \text{ cm}$
 $|BD| = 12 \text{ cm}$
 $|AB| = 10 \text{ cm}$

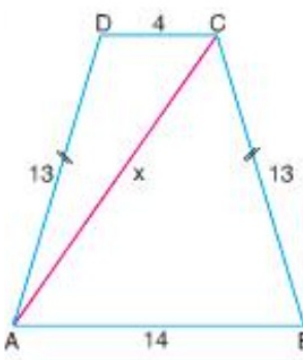
Yukarıdaki verilere göre, $\text{Alan}(\widehat{ABE})$ kaç cm^2 dir?

- A) 24 B) 20 C) 18 D) 16 E) 12

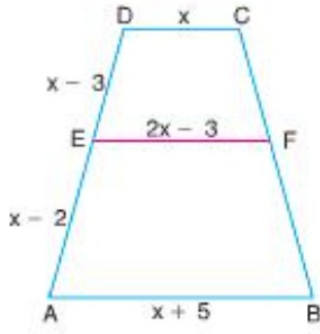
14.  ABCD yamuk
 $[AB] \parallel [CD]$
 $[BE]$ ve $[CE]$
açıortay
 $|CE| = |EF| = 4\sqrt{5}$ cm
 $|AF| + |DC| = 8$ cm
Yukarıdaki verilere göre, $\text{Alan}(ABCD)$ kaç cm^2 dir?
A) 120 B) 140 C) 160 D) 180 E) 240

15.  ABCD yamuk
 $[AB] \parallel [CD]$
 $[FC] \cap [DK] = \{E\}$
 $2|AF| = 3|BK|$
 $\text{Alan}(\widehat{DEF}) = 15 \text{ cm}^2$
 $\text{Alan}(BCEK) = 33 \text{ cm}^2$
Yukarıdaki verilere göre, $\text{Alan}(\widehat{AFD})$ kaç cm^2 dir?
A) 27 B) 25 C) 24 D) 22 E) 20

16.  ABCD yamuk
 $[AB] \parallel [CD] \parallel [LK]$
 $\text{Alan}(\widehat{ALK}) = 12 \text{ cm}^2$
 $|EC| = 3$ cm
 $|DE| = 5$ cm
 $|FB| = 9$ cm
 $|AF| = 13$ cm
Yukarıdaki verilere göre, $\text{Alan}(BCEF)$ kaç cm^2 dir?
A) 44 B) 42 C) 40 D) 36 E) 32

17.  ABCD yamuk
 $[AB] \parallel [CD]$
 $|AD| = |BC| = 13$ cm
 $|AB| = 14$ cm
 $|DC| = 4$ cm
Yukarıdaki verilere göre, $|AC| = x$ kaç cm dir?
A) 15 B) 16 C) 17 D) 18 E) 19

18.

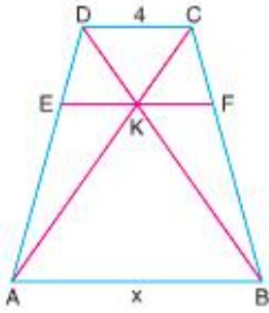


ABCD yamuk
 $[AB] \parallel [CD] \parallel [EF]$
 $|AB| = (x + 5)$ cm
 $|EF| = (2x - 3)$ cm
 $|DC| = x$ cm
 $|DE| = (x - 3)$ cm
 $|EA| = (x - 2)$ cm

Yukarıdaki verilere göre, x kaç cm dir?

- A) 3 B) 4 C) 5 D) 6 E) 7

19.

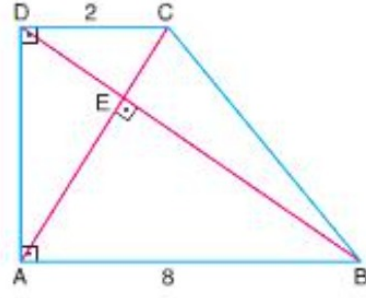


ABCD yamuk
 $[AB] \parallel [CD] \parallel [EF]$
 $[BD] \cap [AC] = \{K\}$
 $|DC| = 4$
 $|EF| = 6$

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

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

20.

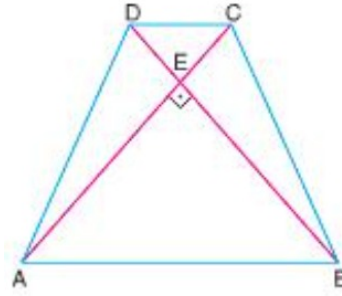


ABCD yamuk
 $[AB] \parallel [CD]$
 $[AD] \perp [AB]$
 $[AC] \perp [BD]$
 $|DC| = 2$ cm
 $|AB| = 8$ cm

Yukarıdaki verilere göre, $(|EC|^2 + |EB|^2)$ değeri kaçtır?

- A) 36 B) 45 C) 49 D) 52 E) 54

21.



ABCD yamuk
 $[AB] \parallel [CD]$
 $[AC] \perp [BD]$
 $|AC| = 8$ cm
 $|BD| = 12$ cm

Yukarıdaki verilere göre, yamuğun orta tabanının uzunluğu kaç cm dir?

- A) $4\sqrt{3}$ B) $2\sqrt{13}$ C) $4\sqrt{5}$
D) $5\sqrt{3}$ E) $6\sqrt{2}$