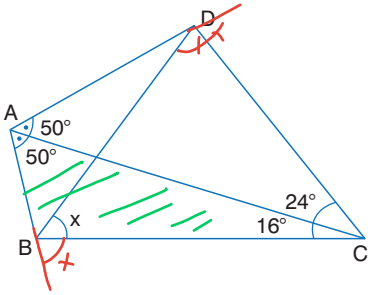
1.



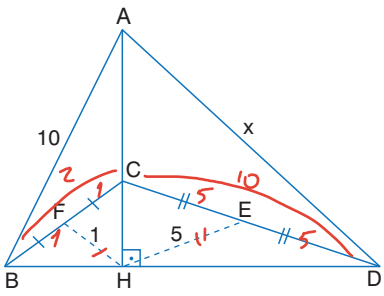
ABCD dörtgen
$m(\widehat{ACB})=16°$
$m(\widehat{DCA})=24°$

$m(\widehat{BAC})=m(\widehat{CAD})=50°$

Yukarıdaki verilere göre, $m(\widehat{DBC})=x$ kaçtır?

A) 60 B) 64 C) 66 D) 72 E) 74

2.

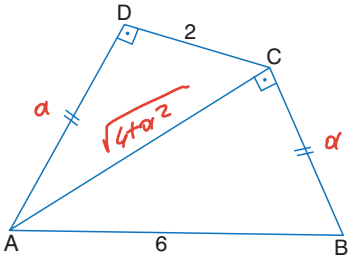


ABCD dörtgen
$[AH]\perp[BD]$
$|BF|=|FC|$
$|EC|=|DE|$
$|FH|=1\,cm$
$|EH|=5\,cm$
$|AB|=10\,cm$

Yukarıdaki verilere göre, $|AD|=x$ kaçtır?

A) 13 B) 14 C) 15 D) 16 E) 17

3.



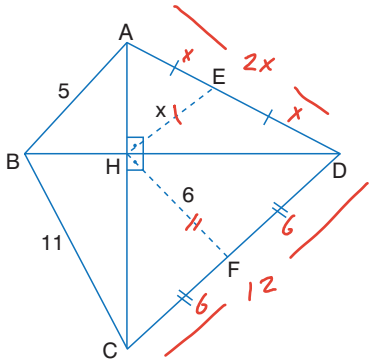
$[AD]\perp[DC]$
$[AC]\perp[BC]$
$|AD|=|BC|$
$|DC|=2\,cm$
$|AB|=6\,cm$

Yukarıdaki verilere göre, Ç(ABCD) kaç cm'dir?

A) 10 B) 12 C) 14 D) 16 E) 18

1-C	2-B	3-D

4.

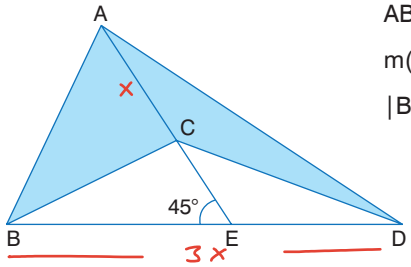


$[AC]\perp[BD]$
$|AB|=5\,cm$
$|BC|=11\,cm$
$|AE|=|ED|$
$|CF|=|FD|$
$|HF|=6\,cm$

Yukarıdaki verilere göre, $|HE|=x$ kaçtır?

A) $2\sqrt{3}$ B) $\sqrt{13}$ C) $\sqrt{14}$ D) $\sqrt{15}$ E) 4

5.

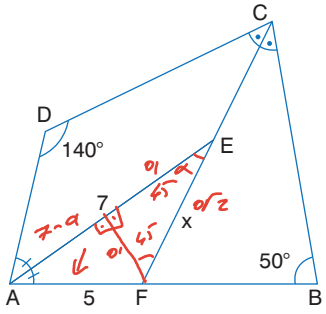


ABCD dörtgen
$m(\widehat{AEB})=45°$
$|BD|=3|AC|$

Yukarıdaki şekilde taralı alan $27\sqrt{2}\,cm^2$ olduğuna göre, $|AC|$ kaç cm'dir?

A) 3 B) 4 C) 5 D) 6 E) 9

6.



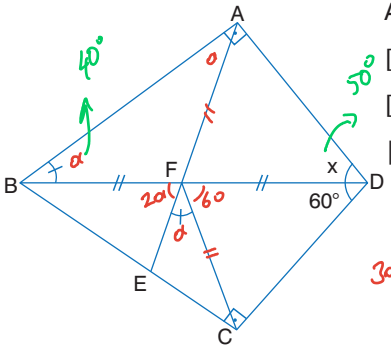
[CF] ve [AE] açıortay
$m(\widehat{ADC})=140°$
$m(\widehat{ABC})=50°$
$|AE|=7\,cm$
$|AF|=5\,cm$

Yukarıdaki verilere göre, $|EF|=x$'in alabileceği değerler toplamı kaçtır?

A) 7 B) 8 C) $6\sqrt{2}$ D) 9 E) $7\sqrt{2}$

4-A	5-D	6-E

7.



ABCD dörtgen
[AB]⊥[AD]
[BC]⊥[DC]
|BF| = |FD|

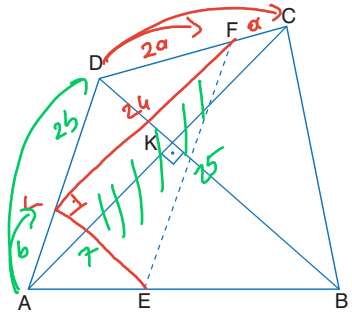
[AE]∩[BD] = {F}

m(A$\hat{B}$D) = m(E$\hat{F}$C)

Yukarıdaki verilere göre, m(A$\hat{D}$B) = x kaçtır?

A) 30 B) 40 C) 50 D) 60 E) 70

8.

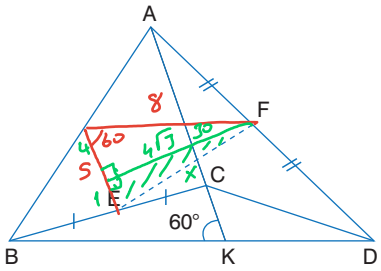


[AC]⊥[BD]
|DF| = 2|FC|
|BE| = 2|AE|
|BD| = 21 cm
|AC| = 36 cm

Yukarıdaki verilere göre, |EF| kaç cm'dir?

A) 25 B) 28 C) 30 D) 32 E) 35

9.

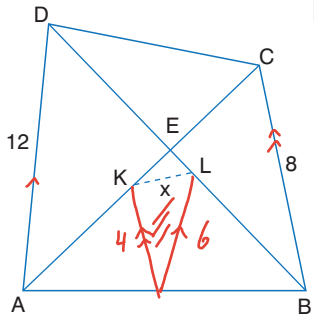


ABCD dörtgen
m(A$\hat{K}$B) = 60°
|BD| = 16 cm
|AC| = 10 cm

Yukarıdaki verilere göre, |EF| kaç cm'dir?

A) $4\sqrt{3}$ B) 7 C) $5\sqrt{2}$ D) 8 E) $6\sqrt{2}$

10.

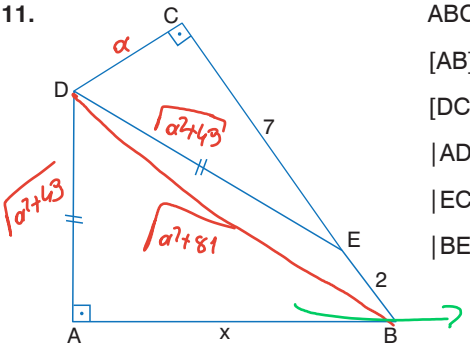


[AC]∩[BD] = {E}
|AD| = 12 cm
|BC| = 8 cm

K ve L [AC] ve [BD]'nin orta noktaları olduğuna göre, |KL| = x'in alabileceği kaç tam sayı değeri vardır?

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

11.

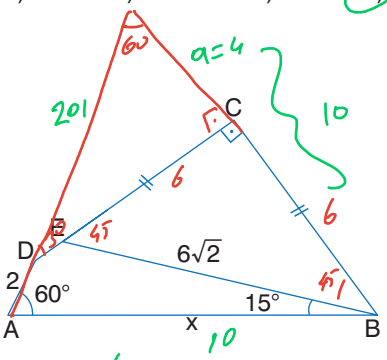


ABCD dörtgen
[AB]⊥[AD]
[DC]⊥[BC]
|AD| = |DE|
|EC| = 7 cm
|BE| = 2 cm

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

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

12.



ABCD dörtgen
[DC]⊥[BC]
|BC| = |EC|
|BE| = $6\sqrt{2}$ cm
m(D$\hat{A}$B) = 60°
m(A$\hat{B}$E) = 15°
|AD| = 2 cm

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

A) 10 B) 12 C) 13 D) 15 E) 20

7-C | 8-A | 9-B

10-E | 11-D | 12-A