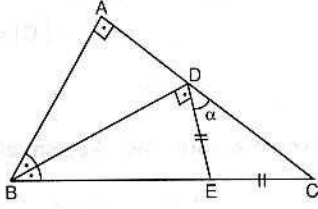


1.



ABC bir dik
üçgen

$[AB] \perp [AC]$

$[BD] \perp [DE]$

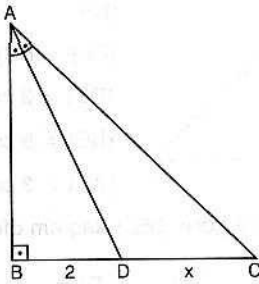
$[BD]$ açıortay

$|DE| = |EC|$

Yukarıdaki verilere göre, $m(\widehat{EDC}) = \alpha$ kaç derecedir?

- A) 10 B) 15 C) 20 D) 25 E) 30

2.



$[AB] \perp [BC]$

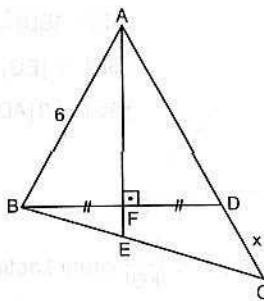
$[AD]$ açıortay

$|BD| = 2$ cm

Yukarıdaki şekilde $A(ADC) = A(ABD) + 3$ cm² olduğuna göre, $|DC| = x$ kaç cm dir?

- A) $2\sqrt{2}$ B) 3 C) $2\sqrt{3}$ D) $\sqrt{13}$ E) $2\sqrt{10}$

3.



ABC bir üçgen

$[AE] \perp [BD]$

$|BF| = |FD|$

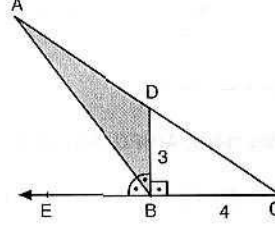
$5|BE| = 3|EC|$

$|AB| = 6$ cm

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

- A) 2 B) 3 C) 4 D) 5 E) 6

4.



$[AB]$, EBD açısının açıortayı

$[DB] \perp [CE]$

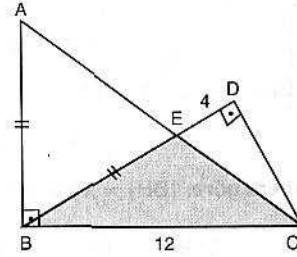
$|DB| = 3$ cm

$|BC| = 4$ cm

Yukarıdaki verilere göre, ABD üçgeninin alanı kaç cm² dir?

- A) 6 B) 9 C) 12 D) 15 E) 18

5.



$[AB] \perp [BC]$

$[CD] \perp [DB]$

$|AB| = |BE|$

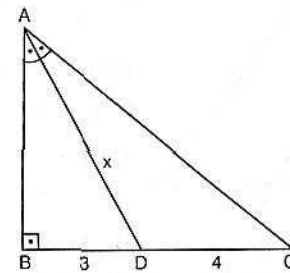
$|ED| = 4$ cm

$|BC| = 12$ cm

Yukarıdaki verilere göre, Alan(BEC) kaç cm² dir?

- A) 24 B) 25 C) 26 D) 27 E) 28

6.



$[AB] \perp [BC]$

$[AD]$ açıortay

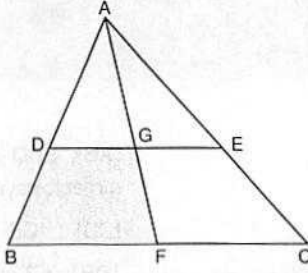
$|BD| = 3$ cm

$|DC| = 4$ cm

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

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

7.

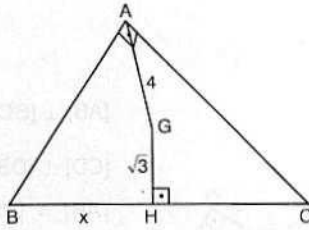


G, ABC üçgeninin
ağırlık merkezi
[DE] // [BC]
A, G, F doğrusal
 $A(ABC) = 54 \text{ cm}^2$

Yukarıdaki verilere göre, $A(BFGD)$ kaç cm^2 dir?

- A) 8 B) 9 C) 10 D) 12 E) 15

8.

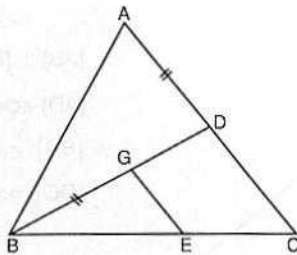


G, ABC üçgeni-
nin ağırlık mer-
kezi
[AB] \perp [AC]
[GH] \perp [BC]
|AG| = 4 cm
|GH| = $\sqrt{3}$ cm

Yukarıdaki verilere göre, |BH| = x kaç cm dir?

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

9.

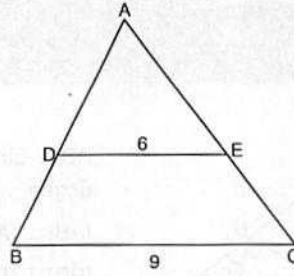


G, ABC üçge-
ninin ağırlık
merkezi
B, G, D doğrusal
[GE] // [AC]
|AD| = |BG|
|AC| = 12 cm
|BC| = 12 cm

Yukarıdaki verilere göre, ECDG dörtgeninin çevresi kaç cm dir?

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

10.

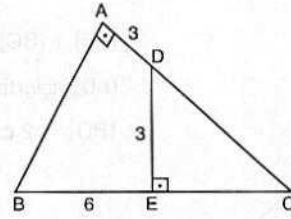


ABC bir üçgen
[DE] // [BC]
|DE| = 6 cm
|BC| = 9 cm
|AE| - |EC| = 4 cm

Yukarıdaki verilere göre, |AC| kaç cm dir?

- A) 10 B) 12 C) 14 D) 15 E) 18

11.

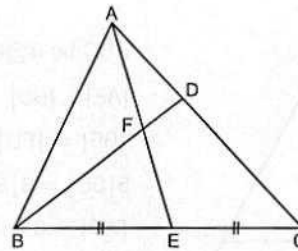


ABC bir dik üç-
gen
[DE] \perp [BC]
|DE| = 3 cm
|BE| = 6 cm
|AD| = 3 cm

Yukarıdaki verilere göre, |EC| kaç cm dir?

- A) 2 B) 3 C) 4 D) 5 E) 6

12.



ABC bir üçgen
[AE] \cap [BD] = {F}
|BE| = |EC|
|AC| = 3|AD|

Yukarıdaki verilere göre, $\frac{|BF|}{|FD|}$ oranı kaçtır?

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