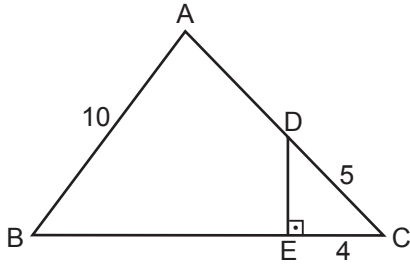


Üçgenlerde Eşlik ve Benzerlik - 2

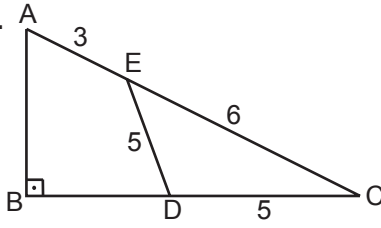
1.



ABC üçgeninde $m(\widehat{ABC}) = 2 \cdot m(\widehat{EDC})$, $|EC| = 4$ cm, $|AB| = |BC| = 10$ cm ve $|DC| = 5$ cm olduğuna göre $|AD|$ kaç santimetredir?

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

2.

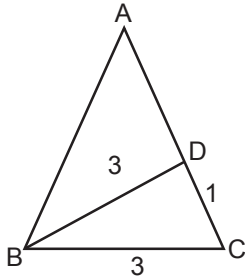


ABC üçgeninde
 $[AB] \perp [BC]$
 $|AE| = 3$ cm
 $|EC| = 6$ cm
 $|ED| = |DC| = 5$ cm'dir.

Yukarıda verilenlere göre $|BD|$ kaç santimetredir?

- A) $\frac{1}{5}$ B) $\frac{2}{5}$ C) $\frac{3}{5}$ D) $\frac{4}{5}$ E) $\frac{6}{5}$

3.

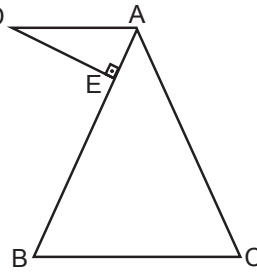


ABC üçgeninde
 $|AB| = |AC|$
 $|BC| = |BD| = 3$ cm
 $|DC| = 1$ cm'dir.

Yukarıda verilenlere göre \widehat{ABC} 'nin çevresi kaç santimetredir?

- A) 17 B) 18 C) 19 D) 20 E) 21

4.

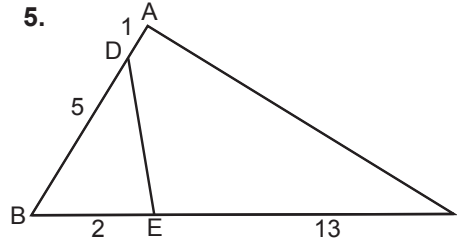


ABC ikizkenar üçgen
 $|AC| = |BC|$
 $[DE] \perp [AB]$
 $[AD] \parallel [BC]$
 $|BA| = 6|AE|$ tir.

Yukarıda verilenler göre $\frac{|AD|}{|AC|}$ nedir?

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

5.

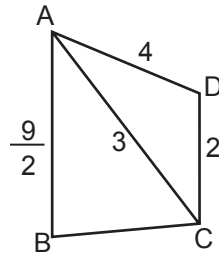


ABC üçgeninde
 $|AD| = 1$ cm
 $|BD| = 5$ cm
 $|BE| = 2$ cm
 $|AC| - |DE| = 8$ cm
 $|EC| = 13$ cm'dir.

Yukarıda verilenlere göre $|DE|$ kaç santimetredir?

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

6.

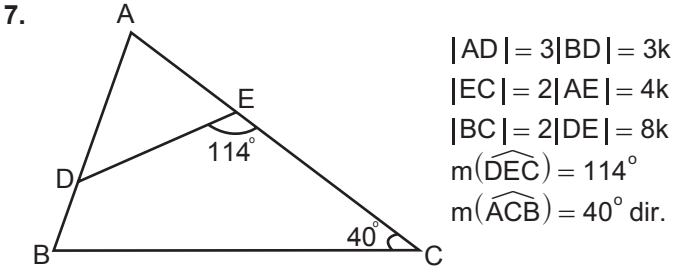


$[AB] \parallel [CD]$
 $|AB| = \frac{9}{2}$ cm
 $|AC| = 3$ cm
 $|DC| = 2$ cm
 $|AD| = 4$ cm'dir.

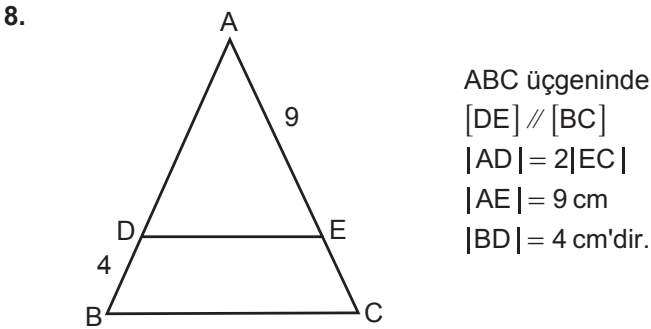
Yukarıda verilenlere göre $|BC|$ kaç santimetredir?

- A) 5 B) $\frac{11}{2}$ C) 6 D) $\frac{13}{2}$ E) 7

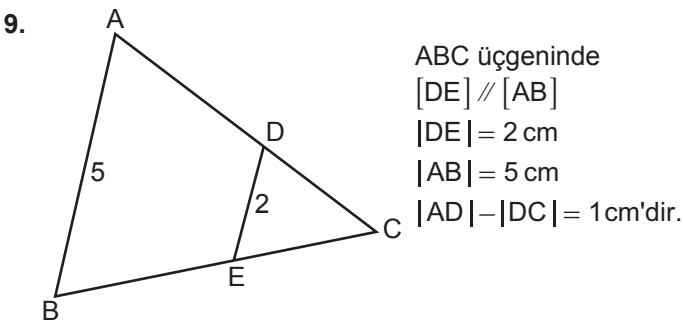
Üçgenlerde Eşlik ve Benzerlik - 2

Yukarıda verilenlere göre $m(\widehat{BAC})$ kaç derecedir?

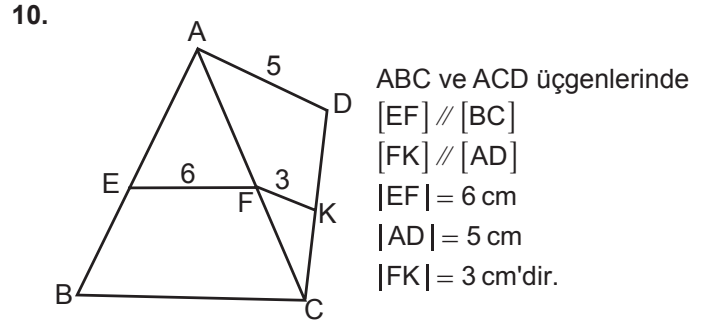
- A) 74 B) 70 C) 68 D) 64 E) 62

Yukarıda verilenlere göre $|AD|$ kaç santimetredir?

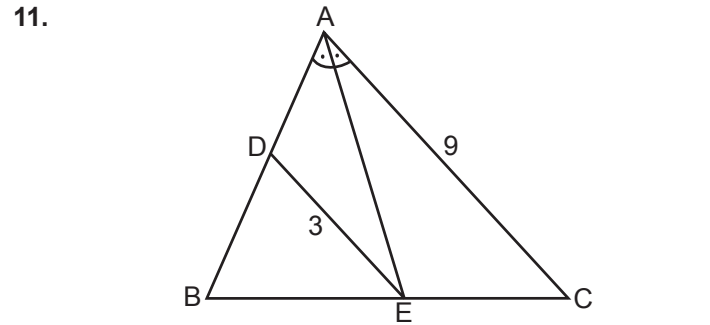
- A)
- $3\sqrt{2}$
- B)
- $3\sqrt{3}$
- C) 6 D)
- $6\sqrt{2}$
- E)
- $6\sqrt{3}$

Yukarıda verilenlere göre $|DC|$ kaç santimetredir?

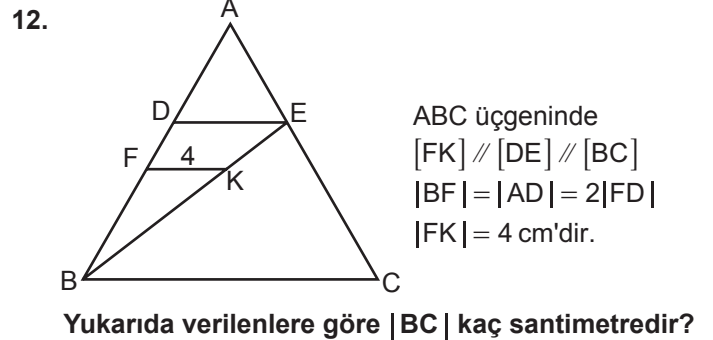
- A)
- $\frac{3}{2}$
- B) 2 C)
- $\frac{5}{2}$
- D) 3 E) 4

Yukarıda verilenlere göre $|BC|$ kaç santimetredir?

- A) 9 B) 12 C) 15 D) 18 E) 21



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

Yukarıda verilenlere göre $|BC|$ kaç santimetredir?

- A) 12 B) 15 C) 18 D) 20 E) 24