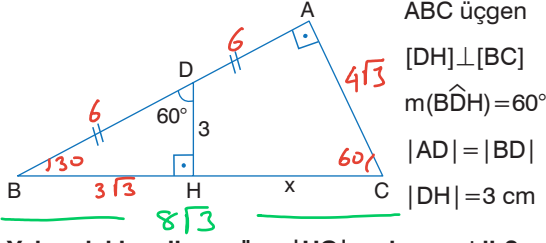


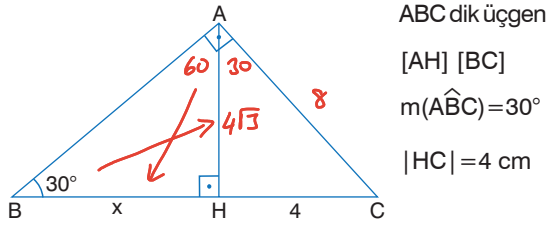
1.

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

- A)
- $3\sqrt{3}$
- B) 6 C)
- $4\sqrt{3}$
- D)
- $5\sqrt{3}$
- E) 9

60° 'nin karşısı 12 ise
 30° 'nin karşısı $4\sqrt{3}$

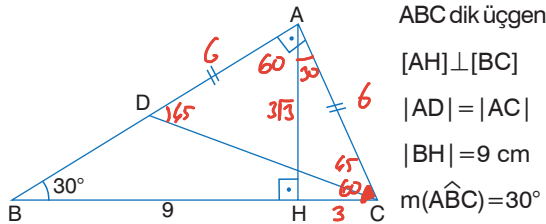
2.

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

- A) 12 B) 10 C) 8 D)
- $4\sqrt{3}$
- E) 6

30° 'nin karşısı $4\sqrt{3}$
 60° 'nin karşısı $x = 12$

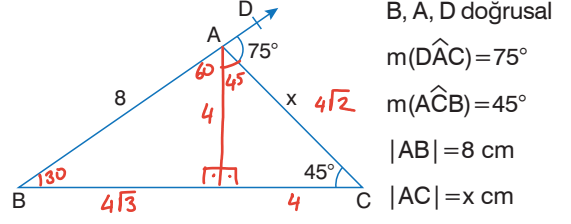
3.

Yukarıdaki verilere göre, $|DC|$ kaç cm'dir?

- A)
- $3\sqrt{2}$
- B)
- $3\sqrt{3}$
- C) 6 D)
- $6\sqrt{2}$
- E) 12

45° 'nin karşısı 6
 30° 'nin karşısı $6\sqrt{2}$ dir.

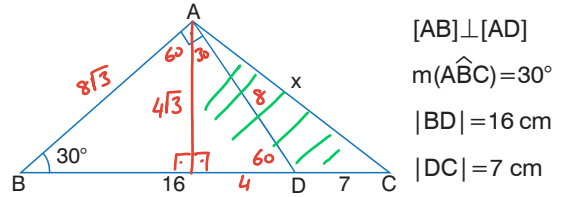
4.



Yukarıdaki verilere göre, x kaçtır?

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

5.

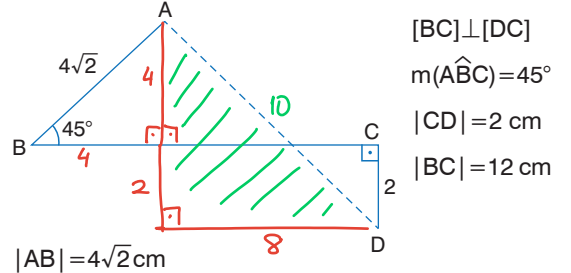
Yukarıdaki verilere göre, $|AC| = x$ kaç cm'dir?

- A) 10 B)
- $8\sqrt{2}$
- C) 13 D) 15 E) 17

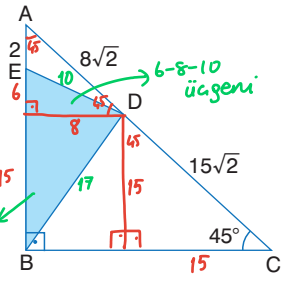
$$x^2 = 4\sqrt{3}^2 + 11^2$$

$$x = 13$$

6.

Yukarıdaki verilere göre, $|AD|$ kaç cm'dir?

- A) 10 B) 13 C) 15 D) 17 E) 20

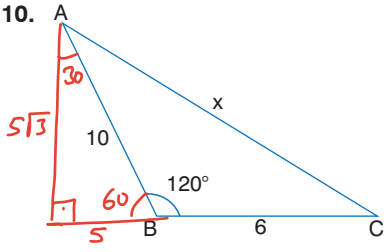
7. 

ABC dik üçgen
 $[AB] \perp [BC]$
 $m(\widehat{ACB}) = 45^\circ$
 $|AD| = 8\sqrt{2}$ cm
 $|DC| = 15\sqrt{2}$ cm
 $|AE| = 2$ cm

Yukarıdaki verilere göre, Çevre(BDE) kaç cm'dir?

A) 36 B) 40 C) 44 D) 45 **E) 48**

$G = 17 + 10 + 21 = 48$

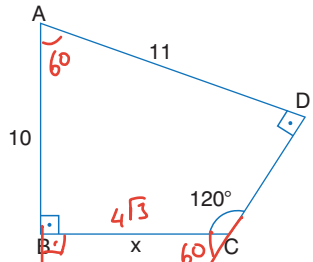
10. 

ABC üçgen
 $m(\widehat{ABC}) = 120^\circ$
 $|AB| = 10$ cm
 $|BC| = 6$ cm

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

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

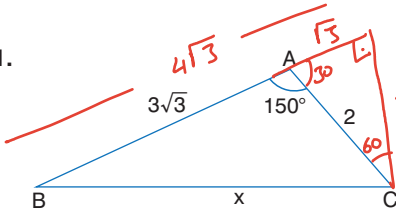
$x^2 = 5\sqrt{3}^2 + 11^2$
 $x = 14$

8. 

$[AB] \perp [BC]$
 $[AD] \perp [DC]$
 $m(\widehat{BCD}) = 120^\circ$
 $|AB| = 10$ cm
 $|AD| = 11$ cm

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

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

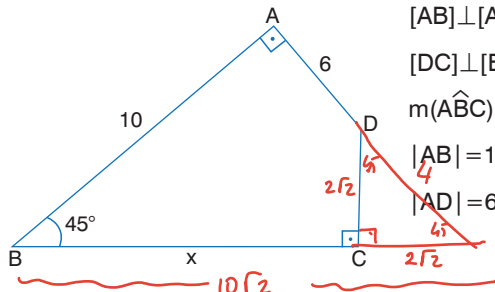
11. 

$m(\widehat{BAC}) = 150^\circ$
 $|AB| = 3\sqrt{3}$ cm
 $|AC| = 2$ cm

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

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

$x^2 = 1^2 + 4\sqrt{3}^2$
 $x = 7$

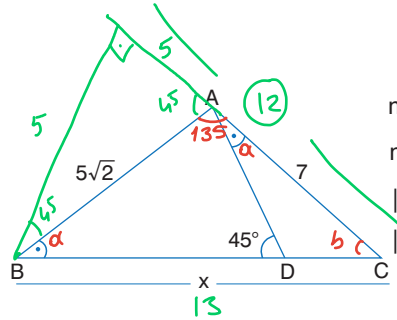
9. 

$[AB] \perp [AD]$
 $[DC] \perp [BC]$
 $m(\widehat{ABC}) = 45^\circ$
 $|AB| = 10$ cm
 $|AD| = 6$ cm

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

A) $8\sqrt{2}$ B) 10 C) $7\sqrt{2}$ D) $6\sqrt{2}$ E) 8

$x + 2\sqrt{2} = 10\sqrt{2}$
 $x = 8\sqrt{2}$

12. 

$m(\widehat{ABC}) = m(\widehat{DAC})$
 $m(\widehat{ADB}) = 45^\circ$
 $|AB| = 5\sqrt{2}$ cm
 $|AC| = 7$ cm

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

A) 20 B) 17 C) 15 **D) 13** E) 10

$a + b = 45$ ise
 $m(\widehat{BAC}) = 135^\circ$ dir.