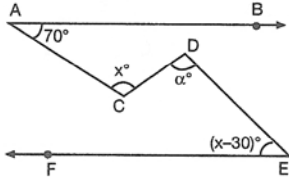
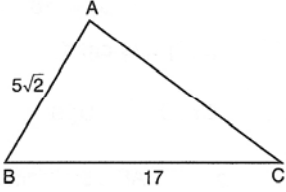
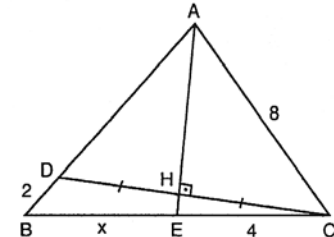
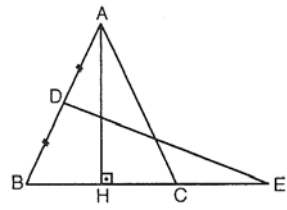
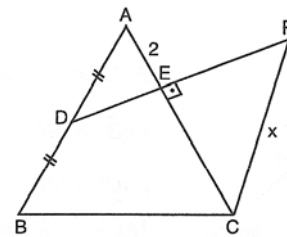
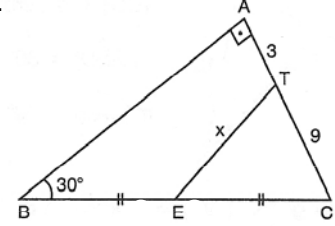
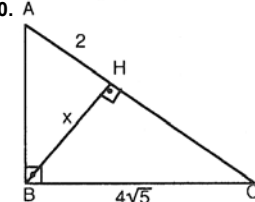
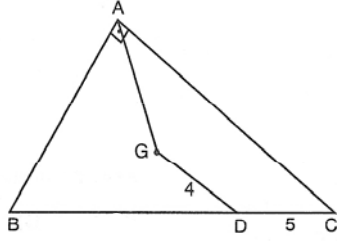


ADI SOYADI:	SINIF VE NO:	GRUBU: A	04.06.2008	ALDIĞI PUAN:
1. 				
<p>[AB // EF $m(\widehat{BAC}) = 70^\circ$ $m(\widehat{ACD}) = x^\circ$ $m(\widehat{DEF}) = (x - 30)^\circ$ olduğuna göre, $m(\widehat{CDE}) = \alpha^\circ$ kaç derecedir?</p> <p>A) 100 B) 105 C) 110 D) 115 E) 120</p>				
2. ABC üçgeni				
<p>$AB = AD = AE$ $m(\widehat{EBC}) = 24^\circ$ ve $m(\widehat{EDC}) = 42^\circ$ olduğuna göre, $m(\widehat{ABE})$ kaç derecedir?</p> <p>A) 36 B) 38 C) 40 D) 42 E) 48</p>				
3. 				
<p>ABC üçgeni $m(\widehat{B}) < 45^\circ$ $AB = 5\sqrt{2}$ cm $BC = 17$ cm</p> <p>Yukarıdaki verilere göre, AC nin en büyük tam-sayı değeri kaç cm dir?</p> <p>A) 16 B) 15 C) 14 D) 13 E) 12</p>				
4. 				
<p>AH ⊥ DC $DH = HC$ $AC = 8$ cm $EC = 4$ cm $BD = 2$ cm</p> <p>Yukarıdaki verilere göre, BE = x kaç cm dir?</p> <p>A) 5 B) 5,5 C) 6 D) 6,5 E) 7</p>				
5. ABC üçgeninde				
<p>$[PD] \perp [AC]$ $[PE] \perp [AB]$ $AB = AC$ $PD = PE = 4$ cm $BC = 2\sqrt{10}$ cm olduğuna göre, AB kaç cm dir?</p> <p>A) 7 B) 8 C) 10 D) 12 E) $4\sqrt{10}$</p>				
6. 				
<p>Buna göre, $m(\widehat{DEB})$ kaç derecedir?</p> <p>A) 15 B) 22,5 C) 30 D) 45 E) 60</p>				
7. 				
<p>ABC eşkenar üçgen $AD = DB$ $EF = EC$ $[DF] \perp [AC]$ $AE = 2$ cm</p> <p>Yukarıdaki verilere göre, FC = x kaç cm dir?</p> <p>A) $3\sqrt{6}$ B) $4\sqrt{6}$ C) $5\sqrt{2}$ D) $6\sqrt{2}$ E) $7\sqrt{2}$</p>				
8. ABC üçgeni				
<p>$[AC] \perp [AB]$ $AB = BD$ $AC = 12$ cm $CD = 6$ cm olduğuna göre, BD kaç cm dir?</p> <p>A) 9 B) 10 C) 12 D) 14 E) 15</p>				
9. 				
<p>ABC bir dik üçgen $[BA] \perp [AC]$ $BE = EC$ $AT = 3$ cm $TC = 9$ cm $m(\widehat{ABC}) = 30^\circ$</p> <p>Yukarıdaki verilere göre, TE = x kaç cm dir?</p> <p>A) $3\sqrt{13}$ B) $3\sqrt{14}$ C) $6\sqrt{5}$ D) $6\sqrt{3}$ E) $4\sqrt{6}$</p>				
10. 				
<p>ABC üçgeninde; $m(\widehat{B}) = 90^\circ$, $[BH] \perp [AC]$, $BC = 4\sqrt{5}$ cm, $AH = 2$ cm ise,</p> <p>$BH = x$ kaç cm dir?</p> <p>A) $\sqrt{3}$ B) $2\sqrt{2}$ C) 3 D) 4 E) $2\sqrt{5}$</p>				

11.

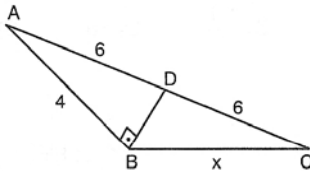


G, ABC dik
üçgeninin ağırlık
merkezi
[GD] // [AC]
|GD| = 4 cm
|DC| = 5 cm

Yukarıdaki verilere göre, Çevre(ABC) kaç cm dir?

- A) 27 B) 30 C) 32 D) 36 E) 41

12.

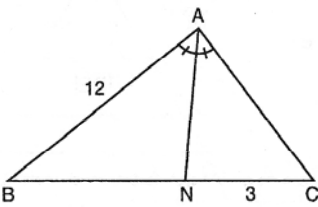


ABC üçgen
[AB] ⊥ [BD]
|AD| = |DC| = 6 cm
|AB| = 4 cm

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

- A) 12 B) 10 C) $4\sqrt{6}$ D) $5\sqrt{3}$ E) $6\sqrt{2}$

13.

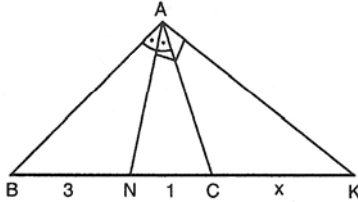


[AN] açıortay
|AB| = 12 cm
|NC| = 3 cm
|AC| = |BN|

Yukarıdaki verilere göre, |AN| kaç cm dir?

- A) $2\sqrt{6}$ B) $3\sqrt{6}$ C) $4\sqrt{6}$ D) 9 E) 10

14.



$m(\widehat{BAN}) = m(\widehat{NAC})$
AN ⊥ AK
|BN| = 3 cm
|NC| = 1 cm

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

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

15. ABC üçgeninde

[BF] açıortay ve
[AD] // [FE] dir.

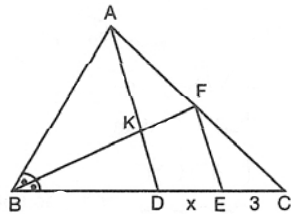
$$\frac{|AB|}{|BC|} = \frac{4}{5}$$

$$|EC| = 3 \text{ cm}$$

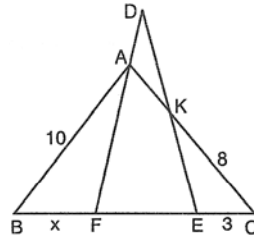
olduğuna göre,

|DE| = x kaç cm dir?

- A) $\frac{15}{4}$ B) $\frac{12}{5}$ C) $\frac{9}{5}$ D) $\frac{3}{2}$ E) 1



16.

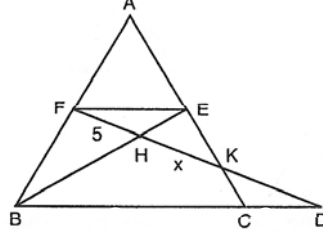


|AB| = |AC|
|DF| = |DE|
|AB| = 10 cm
|KC| = 8 cm
|EC| = 3 cm

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

- A) 5 B) $\frac{19}{4}$ C) 4,5 D) 4 E) $\frac{15}{4}$

17.



FE // BD
6|FE| = 2|BC| = 9|CD|
|FH| = 5 cm

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

- A) 5 B) 6 C) 7 D) 8 E) 9

18. ABC ve BDF üçgen

$$m(\widehat{BCA}) = m(\widehat{BFD})$$

$$|BC| = 4 \text{ birim}$$

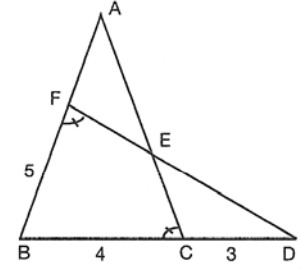
$$|CD| = 3 \text{ birim}$$

$$|BF| = 5 \text{ birim}$$

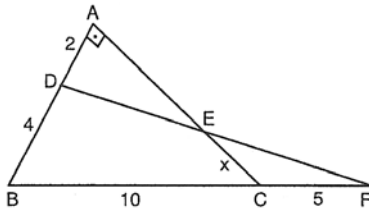
olduğuna göre,

|AB| kaç birimdir?

- A) 5 B) 5,6 C) 6 D) 6,6 E) 7



19.



[AB] ⊥ [AC]
|AD| = 2 cm
|DB| = 4 cm
|BC| = 10 cm
|CF| = 5 cm

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

- A) $\frac{3}{2}$ B) 2 C) $\frac{9}{4}$ D) $\frac{12}{5}$ E) $\frac{16}{5}$

20. ABC üçgeninde

$$[AF] \cap [BD] \cap [CE] = \{K\}$$

$$2|AE| = 3|EB|$$

$$|BF| = 2 \text{ cm}$$

$$|FC| = 5 \text{ cm}$$

$$|AC| = 16 \text{ cm}$$

olduğuna göre,

|AD| kaç cm dir?

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

