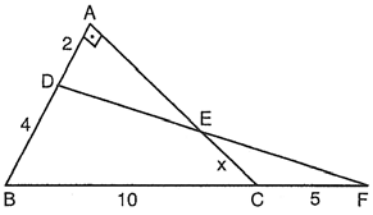
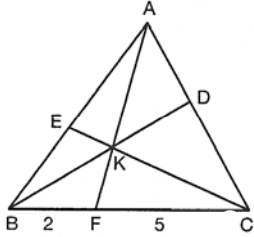
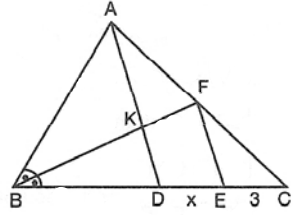
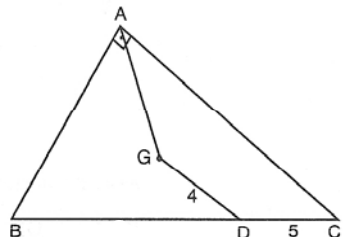
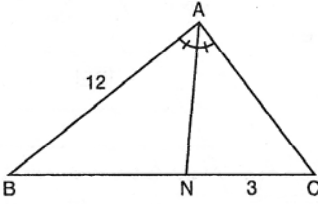
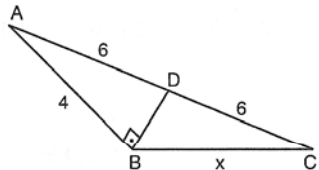
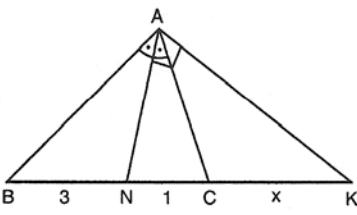
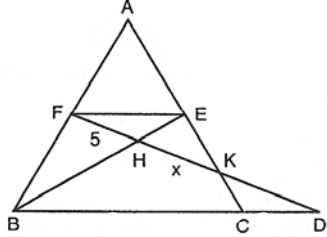
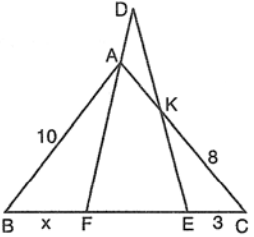
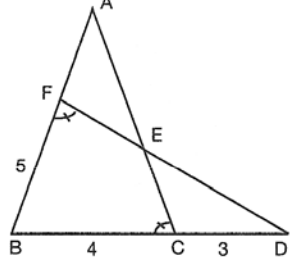


ADI SOYADI:	SINIF VE NO:	GRUBU: B	04.06.2008	ALDIĞI PUAN:
1.	 <p><math>[AB] \perp [AC]</math>  <math> AD  = 2 \text{ cm}</math>  <math> DB  = 4 \text{ cm}</math>  <math> BC  = 10 \text{ cm}</math>  <math> CF  = 5 \text{ cm}</math></p> <p>Yukarıdaki verilere göre, <math> EC  = x</math> kaç cm dir?</p> <p>A) <math>\frac{3}{2}</math> B) 2 C) <math>\frac{9}{4}</math> D) <math>\frac{12}{5}</math> E) <math>\frac{16}{5}</math></p>	6.	 <p>ABC üçgeninde  <math>[AF] \cap [BD] \cap [CE] = \{K\}</math>  <math>2 AE  = 3 EB </math>  <math> BF  = 2 \text{ cm}</math>  <math> FC  = 5 \text{ cm}</math>  <math> AC  = 16 \text{ cm}</math>              olduğuna göre,  <math> AD </math> kaç cm dir?</p> <p>A) 3 B) 4 C) 5 D) 6 E) 7</p>	
2.	 <p>ABC üçgeninde  <math>[BF]</math> açıortay ve  <math>[AD] \parallel [FE]</math> dir.  <math>\frac{ AB }{ BC } = \frac{4}{5}</math>  <math> EC  = 3 \text{ cm}</math>              olduğuna göre,  <math> DE  = x</math> kaç cm dir?</p> <p>A) <math>\frac{15}{4}</math> B) <math>\frac{12}{5}</math> C) <math>\frac{9}{5}</math> D) <math>\frac{3}{2}</math> E) 1</p>	7.	 <p>G, ABC dik              üçgeninin ağırlık              merkezi  <math>[GD] \parallel [AC]</math>  <math> GD  = 4 \text{ cm}</math>  <math> DC  = 5 \text{ cm}</math></p> <p>Yukarıdaki verilere göre, <math>\text{Çevre}(ABC)</math> kaç cm dir?</p> <p>A) 27 B) 30 C) 32 D) 36 E) 41</p>	
3.	 <p><math>[AN]</math> açıortay  <math> AB  = 12 \text{ cm}</math>  <math> NC  = 3 \text{ cm}</math>  <math> AC  =  BN </math></p> <p>Yukarıdaki verilere göre, <math> AN </math> kaç cm dir?</p> <p>A) <math>2\sqrt{6}</math> B) <math>3\sqrt{6}</math> C) <math>4\sqrt{6}</math> D) 9 E) 10</p>	8.	 <p>ABC üçgen  <math>[AB] \perp [BD]</math>  <math> AD  =  DC  = 6 \text{ cm}</math>  <math> AB  = 4 \text{ cm}</math></p> <p>Yukarıdaki verilere göre, <math> BC  = x</math> kaç cm dir?</p> <p>A) 12 B) 10 C) <math>4\sqrt{6}</math> D) <math>5\sqrt{3}</math> E) <math>6\sqrt{2}</math></p>	
4.	 <p><math>m(\widehat{BAN}) = m(\widehat{NAC})</math>  <math>AN \perp AK</math>  <math> BN  = 3 \text{ cm}</math>  <math> NC  = 1 \text{ cm}</math></p> <p>Yukarıdaki verilere göre, <math> CK  = x</math> kaç cm dir?</p> <p>A) 2 B) 3 C) 4 D) 5 E) 6</p>	9.	 <p><math>FE \parallel BD</math>  <math>6 FE  = 2 BC  = 9 CD </math>  <math> FH  = 5 \text{ cm}</math></p> <p>Yukarıdaki verilere göre, <math> HK  = x</math> kaç cm dir?</p> <p>A) 5 B) 6 C) 7 D) 8 E) 9</p>	
5.	 <p><math> AB  =  AC </math>  <math> DF  =  DE </math>  <math> AB  = 10 \text{ cm}</math>  <math> KC  = 8 \text{ cm}</math>  <math> EC  = 3 \text{ cm}</math></p> <p>Yukarıdaki verilere göre, <math> BF  = x</math> kaç cm dir?</p> <p>A) 5 B) <math>\frac{19}{4}</math> C) 4,5 D) 4 E) <math>\frac{15}{4}</math></p>	10.	 <p>ABC ve BDF üçgen  <math>m(\widehat{BCA}) = m(\widehat{BFD})</math>  <math> BC  = 4 \text{ birim}</math>  <math> CD  = 3 \text{ birim}</math>  <math> BF  = 5 \text{ birim}</math>              olduğuna göre,  <math> AB </math> kaç birimdir?</p> <p>A) 5 B) 5,6 C) 6 D) 6,6 E) 7</p>	

11. ABC üçgeninde

$$[PD] \perp [AC]$$

$$[PE] \perp [AB]$$

$$|AB| = |AC|$$

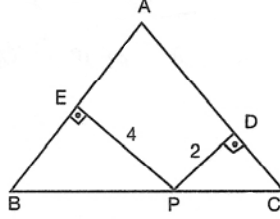
$$2. |PD| = |PE| = 4 \text{ cm}$$

$$|BC| = 2\sqrt{10} \text{ cm}$$

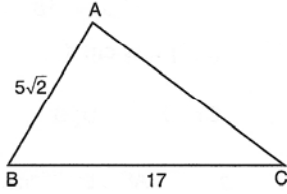
olduğuna göre,

**|AB| kaç cm dir?**

- A) 7 B) 8 C) 10 D) 12 E)  $4\sqrt{10}$



12.



ABC üçgen

$$m(\widehat{B}) < 45^\circ$$

$$|AB| = 5\sqrt{2} \text{ cm}$$

$$|BC| = 17 \text{ cm}$$

**Yukarıdaki verilere göre, |AC| nin en büyük tam-sayı değeri kaç cm dir?**

- A) 16 B) 15 C) 14 D) 13 E) 12

13. ABC üçgen

$$[AC] \perp [AB]$$

$$|AB| = |BD|$$

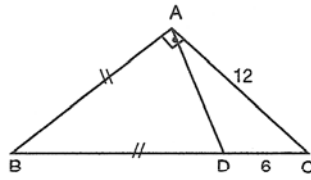
$$|AC| = 12 \text{ cm}$$

$$|CD| = 6 \text{ cm}$$

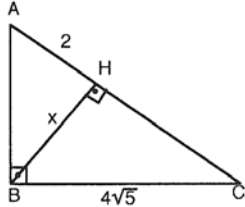
olduğuna göre,

**|BD| kaç cm dir?**

- A) 9 B) 10 C) 12 D) 14 E) 15



14.



ABC üçgeninde;

$$m(\widehat{B}) = 90^\circ,$$

$$[BH] \perp [AC],$$

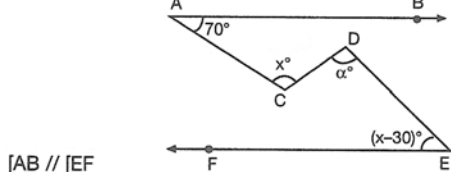
$$|BC| = 4\sqrt{5} \text{ cm},$$

$$|AH| = 2 \text{ cm ise,}$$

**|BH| = x kaç cm dir?**

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

15.



$$[AB] \parallel [EF]$$

$$m(\widehat{BAC}) = 70^\circ$$

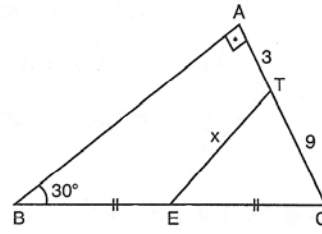
$$m(\widehat{ACD}) = x^\circ$$

$$m(\widehat{DEF}) = (x - 30)^\circ \text{ olduğuna göre,}$$

$$m(\widehat{CDE}) = \alpha^\circ \text{ kaç derecedir?}$$

- A) 100 B) 105 C) 110 D) 115 E) 120

16.



ABC bir dik üçgen

$$[BA] \perp [AC]$$

$$|BE| = |EC|$$

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

$$|TC| = 9 \text{ cm}$$

$$m(\widehat{ABC}) = 30^\circ$$

**Yukarıdaki verilere göre, |TE| = x kaç cm dir?**

- A)  $3\sqrt{13}$  B)  $3\sqrt{14}$  C)  $6\sqrt{5}$  D)  $6\sqrt{3}$  E)  $4\sqrt{6}$

17. ABC üçgen

$$|AB| = |AD| = |AE|$$

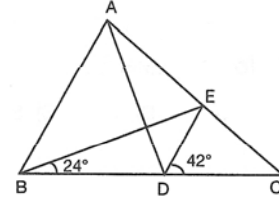
$$m(\widehat{EBC}) = 24^\circ \text{ ve}$$

$$m(\widehat{EDC}) = 42^\circ$$

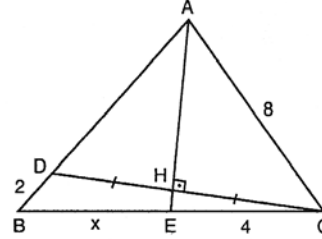
olduğuna göre,

**$m(\widehat{ABE})$  kaç derecedir?**

- A) 36 B) 38 C) 40 D) 42 E) 48



18.



$$AH \perp DC$$

$$|DH| = |HC|$$

$$|AC| = 8 \text{ cm}$$

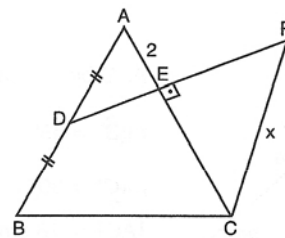
$$|EC| = 4 \text{ cm}$$

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

**Yukarıdaki verilere göre, |BE| = x kaç cm dir?**

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

19.



ABC eşkenar üçgen

$$|AD| = |DB|$$

$$|EF| = |EC|$$

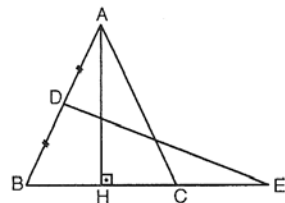
$$[DF] \perp [AC]$$

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

**Yukarıdaki verilere göre, |FC| = x kaç cm dir?**

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

20.



$\Delta$  ABC eşkenar

üçgeninde

D [AB]'nin orta noktasıdır.

$$|AH| = |CE| \text{ dir.}$$

**Buna göre,  $m(\widehat{DEB})$  kaç derecedir?**

- A) 15 B) 22,5 C) 30 D) 45 E) 60