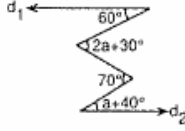


## Kamptayım...

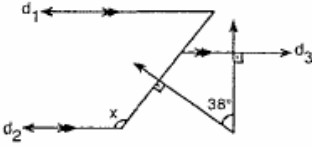
hak eden kazanacak...

1. Bütünlerinin 4 katından  $20^\circ$  eksik olan açı kaç derecedir?  
A)  $120^\circ$  B)  $130^\circ$  C)  $140^\circ$   
D)  $150^\circ$  E)  $160^\circ$

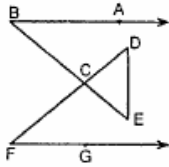
2. Şekilde,  $d_1 \parallel d_2$  dir.. Verilenlere göre a kaç derecedir?  
A)  $10^\circ$  B)  $20^\circ$  C)  $30^\circ$  D)  $40^\circ$  E)  $45^\circ$



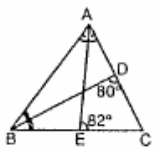
3. Şekilde,  $d_1 \parallel d_2 \parallel d_3$  tür. Verilenlere göre, x kaç derecedir?  
A)  $157^\circ$  B)  $142^\circ$  C)  $132^\circ$   
D)  $127^\circ$  E)  $112^\circ$



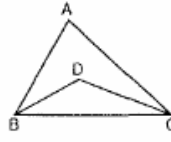
4. Şekilde,  $[BA \parallel [FG$ ,  $[DE] = [DC]$ ,  $m(\widehat{ABC}) = m(\widehat{CFG}) = a$ ,  $m(\widehat{CDE}) = 80^\circ$  olduğuna göre, a kaç derecedir?  
A)  $20^\circ$  B)  $25^\circ$  C)  $35^\circ$  D)  $40^\circ$  E)  $45^\circ$



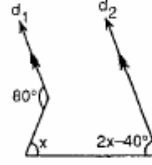
5. Şekildeki ABC üçgeninde, [AE] ve [BD] açı ortaylardır.  $m(\widehat{BDC}) = 80^\circ$ ,  $m(\widehat{AEC}) = 82^\circ$  olduğuna göre,  $m(\widehat{C})$  kaç derecedir?  
A)  $28^\circ$  B)  $45^\circ$  C)  $72^\circ$  D)  $90^\circ$  E)  $108^\circ$



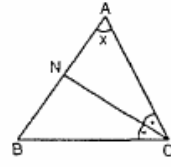
6. D noktası ABC üçgeninin iç bölgesindedir.  $m(\widehat{BAC}) = 3x + 30^\circ$ ,  $m(\widehat{BDC}) = 4x$  derecedir. x in en büyük ve en küçük doğal sayı değerleri toplamı kaçtır?  
A)  $60^\circ$  B)  $65^\circ$  C)  $70^\circ$  D)  $75^\circ$  E)  $80^\circ$



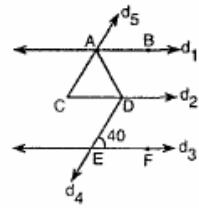
7. Şekilde,  $d_1 \parallel d_2$  dir. Verilenlere göre, x kaç derecedir?  
A)  $30^\circ$  B)  $40^\circ$  C)  $50^\circ$  D)  $60^\circ$  E)  $75^\circ$



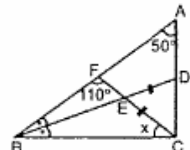
8. Şekildeki ABC üçgeninde,  $[NB] = [NC]$  dir. [CN] açı ortay,  $m(\widehat{A}) - m(\widehat{B}) = 8^\circ$  ise  $m(\widehat{A}) = x$  kaç derecedir?  
A)  $54^\circ$  B)  $53^\circ$  C)  $52^\circ$  D)  $51^\circ$  E)  $50^\circ$



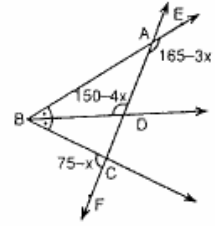
9. Şekilde,  $d_1 \parallel d_2 \parallel d_3$  ve  $d_4 \parallel d_5$  dir.  $[AC] = [CD]$  ve  $m(\widehat{DEF}) = 40^\circ$  ise  $m(\widehat{BAD})$  kaç derecedir?  
A)  $70^\circ$  B)  $60^\circ$  C)  $50^\circ$  D)  $40^\circ$  E)  $30^\circ$



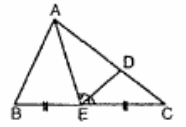
10. Şekildeki ABC üçgeninde, [BD] açı ortay,  $[ED] = [EC]$ ,  $m(\widehat{A}) = 50^\circ$ ,  $m(\widehat{BFC}) = 110^\circ$  ise  $m(\widehat{BCF}) = x$  kaç derecedir?  
A)  $20^\circ$  B)  $25^\circ$  C)  $30^\circ$  D)  $40^\circ$  E)  $50^\circ$



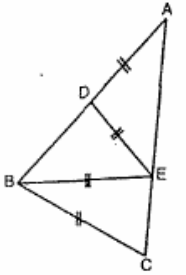
11. Şekilde, [BD] açı ortaydır.  $m(\widehat{EAD}) = 165^\circ - 3x$ ,  $m(\widehat{ADB}) = 150^\circ - 4x$ ,  $m(\widehat{BCF}) = 75^\circ - x$  ise ABC açısının tümüleri kaç derecedir?  
A)  $30^\circ$  B)  $40^\circ$  C)  $50^\circ$  D)  $60^\circ$  E)  $70^\circ$



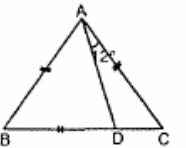
12. Şekilde, ABE eşkenar üçgen, [AE] kenar ortay, [ED] açı ortaydır.  $m(\widehat{ADE})$  kaç derecedir?  
A)  $30^\circ$  B)  $45^\circ$  C)  $60^\circ$  D)  $90^\circ$  E)  $120^\circ$



13. Şekilde,  $[AB] = [AC]$ ,  $[AD] = [DE] = [BE] = [BC]$  ve  $m(\widehat{A}) = \alpha$  dir. Buna göre  $\alpha$  kaç derecedir?  
A)  $30^\circ$  B)  $\left(\frac{180}{7}\right)^\circ$  C)  $(22,5)^\circ$   
D)  $20^\circ$  E)  $\left(\frac{180}{11}\right)^\circ$



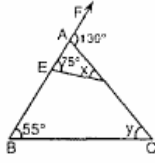
14. Şekilde,  $[AB] = [AC] = [BD]$  ve  $m(\widehat{CAD}) = 12^\circ$  ise  $m(\widehat{ACB})$  kaç derecedir?  
A)  $22^\circ$  B)  $34^\circ$  C)  $44^\circ$  D)  $46^\circ$  E)  $52^\circ$



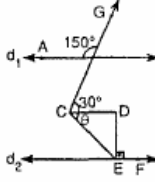
15.  $x \in \mathbb{R}$  olmak üzere, aşağıdaki nokta kümelerinden hangisi bir doğru ifade eder?  
A)  $\{x : |x - 3| = 2\}$  B)  $\{x : |x + 2| > 0\}$   
C)  $\{x : |x - 1| \leq 5\}$  D)  $\{x : 1 < |x| < 3\}$   
E)  $\{x : |x + 2| > -3\}$

## Kamptayım...

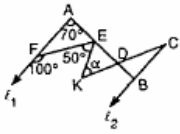
16. Şekilde,  
 $\hat{m}(\widehat{FAD}) = 130^\circ$ ,  
 $\hat{m}(\widehat{AED}) = 75^\circ$   
 $\hat{m}(\widehat{B}) = 55^\circ$  dir.  
 $x + y$  toplamı kaçtır?  
 A)  $95^\circ$  B)  $115^\circ$  C)  $125^\circ$   
 D)  $130^\circ$  E)  $140^\circ$



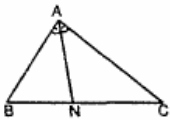
17. Şekilde,  $d_1 \parallel d_2$ ,  
 $\hat{m}(\widehat{ABG}) = 150^\circ$   
 $\hat{m}(\widehat{BCD}) = 30^\circ$   
 $[DE] \perp d_2$   
 $|CD| = |DE|$  ise  
 $\hat{m}(\widehat{DCE}) = \theta$  kaç derecedir?  
 A)  $25^\circ$  B)  $30^\circ$  C)  $35^\circ$  D)  $40^\circ$  E)  $45^\circ$



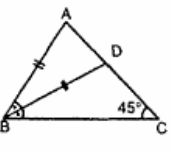
18. Şekilde,  
 A, E, D, B  
 doğrusal,  
 $l_1 \parallel l_2$  ve  
 $|BC| = |CD|$   
 dir. Verilenlere göre,  $\alpha$  kaç derecedir?  
 A)  $10^\circ$  B)  $20^\circ$  C)  $30^\circ$  D)  $40^\circ$  E)  $50^\circ$



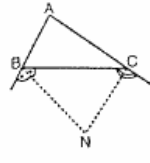
19. ABC  
 üçgeninde,  
 $[AN]$  açı  
 ortaydır.  
 $\hat{m}(\widehat{ANC}) = 102^\circ$   
 ve  $\hat{m}(\widehat{ABN}) + \hat{m}(\widehat{ACB}) = 76^\circ$   
 olduğuna göre,  $\hat{m}(\widehat{C})$  kaç derecedir?  
 A)  $12^\circ$  B)  $16^\circ$  C)  $26^\circ$  D)  $30^\circ$  E)  $46^\circ$



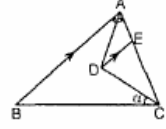
20. Şekilde,  
 $[BD]$  iç açıortay  
 $|AB| = |BD|$ ,  
 $\hat{m}(\widehat{C}) = 45^\circ$   
 olduğuna göre,  $\hat{m}(\widehat{A})$  kaç  
 derecedir?  
 A)  $50^\circ$  B)  $60^\circ$  C)  $66^\circ$  D)  $75^\circ$  E)  $80^\circ$



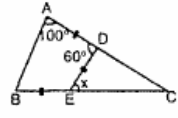
21. Şekilde,  $[BN]$  ve  
 $[CN]$  dış  
 açıortaylardır.  
 $\hat{m}(\widehat{BNC}) = 3x - 7$   
 derece ise  $x$   
 aşağıdakilerden hangisini alamaz?  
 A)  $29^\circ$  B)  $30^\circ$  C)  $31^\circ$  D)  $32^\circ$  E)  $33^\circ$



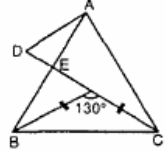
22. Şekilde,  $[AD]$   
 açı ortay,  
 $[DE] \parallel [BA]$ ,  
 $|AE| = |EC|$ ,  
 $\hat{m}(\widehat{A}) = 80^\circ$ ,  
 $\hat{m}(\widehat{B}) = 32^\circ$  ise,  $\hat{m}(\widehat{BCD}) = \alpha$  kaç  
 derecedir?  
 A)  $14^\circ$  B)  $16^\circ$  C)  $18^\circ$  D)  $20^\circ$  E)  $22^\circ$



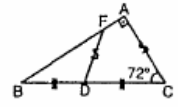
23. ABC  
 üçgeninde,  
 $|AD| = |DE| = |EB|$ ,  
 $\hat{m}(\widehat{A}) = 100^\circ$ ,  
 $\hat{m}(\widehat{ADE}) = 60^\circ$  ise  $\hat{m}(\widehat{DEC}) = x$  kaç  
 derecedir?  
 A)  $40^\circ$  B)  $30^\circ$  C)  $25^\circ$  D)  $20^\circ$  E)  $10^\circ$



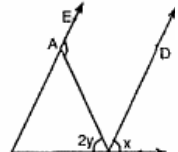
24. ABC üçgeni  
 eşkenar,  
 $|AC| = |CD|$ ,  
 $|BF| = |FC|$ ,  
 $\hat{m}(\widehat{BFC}) = 130^\circ$   
 ise  $\hat{m}(\widehat{CDA})$  kaç derecedir?  
 A)  $(12,5^\circ)$  B)  $25^\circ$  C)  $40^\circ$   
 D)  $(62,5^\circ)$  E)  $(72,5^\circ)$



25. Şekilde,  
 $[AB] \perp [AC]$ ,  
 $|BD| = |DC|$ ,  
 $|DF| = |AC|$ ,  
 $\hat{m}(\widehat{C}) = 72^\circ$  ise  $\hat{m}(\widehat{FDC})$  kaç  
 derecedir?  
 A)  $52^\circ$  B)  $48^\circ$  C)  $42^\circ$  D)  $38^\circ$  E)  $36^\circ$

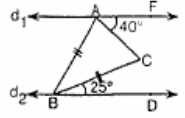


26. Şekilde,  
 $[BA] \parallel [CD]$   
 $\hat{m}(\widehat{FCD}) = x$ ,  
 $\hat{m}(\widehat{ACB}) = 2y$ ,  
 $\hat{m}(\widehat{CAE}) = 3x + 40^\circ$   
 olduğuna göre,  $y - x$  kaçtır?  
 A) 5 B) 10 C) 15 D) 20 E) 25

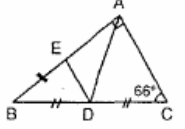


## hak eden kazanacak...

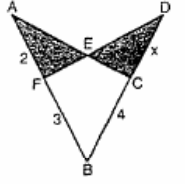
7. Şekilde,  
 $d_1 \parallel d_2$ ,  
 $|BA| = |BC|$ ,  
 $\hat{m}(\widehat{CAF}) = 40^\circ$   
 $\hat{m}(\widehat{CBD}) = 25^\circ$  olduğuna göre,  
 $\hat{m}(\widehat{ABC})$  kaç derecedir?  
 A)  $35^\circ$  B)  $45^\circ$  C)  $50^\circ$  D)  $60^\circ$  E)  $65^\circ$



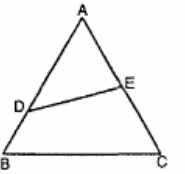
28. Şekilde, ABC  
 dik üçgen,  
 $|BE| = |BD| = |DC|$   
 ve  $\hat{m}(\widehat{C}) = 66^\circ$   
 dir.  $\hat{m}(\widehat{ADE})$  kaç derecedir?  
 A)  $44^\circ$  B)  $46^\circ$  C)  $48^\circ$  D)  $52^\circ$  E)  $54^\circ$



29. Şekilde, A, F,  
 B ve B, C, D  
 doğrusaldır.  
 $\hat{A}(\widehat{AFE}) = \hat{A}(\widehat{ECD})$   
 $|BF| = 3$  br,  
 $|FA| = 2$  br,  
 $|BC| = 4$  br  
 ise  $|CD| = x$  kaç birimdir?  
 A) 2 B)  $\frac{8}{3}$  C) 3 D)  $\frac{10}{3}$  E)  $\frac{11}{3}$



30. Şekilde,  
 $3|AD| = 2|AB|$ ,  
 $|AC| = 2|AE|$  dir.  
 $\hat{A}(\widehat{BCED}) = 24 \text{ cm}^2$   
 ise  $\hat{A}(\widehat{ABC})$   
 kaç  $\text{cm}^2$  dir?  
 A) 30 B) 36 C) 42 D) 48 E) 54



## geometri2

1. C	2. B	3. B	4. B	5. C
6. D	7. B	8. D	9. A	10. E
11. C	12. D	13. B	14. E	15. E
16. D	17. E	18. A	19. C	20. D
21. E	22. C	23. D	24. E	25. B
26. D	27. C	28. E	29. B	30. B