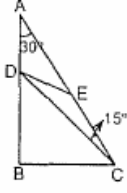


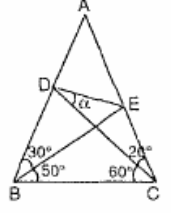
U Ğ R A Ş M A Y I S E V E R İ M

1. Şekilde $[AB] \perp [BC]$,
 $|CE| = |AE|$,
 $m(\widehat{DAE}) = 30^\circ$ ve
 $m(\widehat{ECD}) = 15^\circ$
 olduğuna göre
 $m(\widehat{EDC})$ kaç
 derecedir?
 A) 15° B) 20° C) 30° D) 40° E) 50°



kamptayım

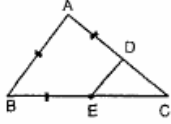
11. Şekilde
 verilenlere göre
 α kaç
 derecedir?



- A) 15° B) 30° C) 35° D) 45° E) 60°

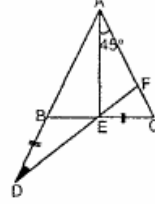
kamptayım

2. Şekilde
 $m(\widehat{BAD}) = 100^\circ$,
 $|AB| = |BE| = |AD|$,
 $m(\widehat{ABC}) = 60^\circ$
 ise $m(\widehat{EDC})$ kaç derecedir?
 A) 120° B) 110° C) 105°
 D) 100° E) 95°

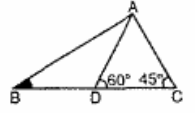


kamptayım

7. Δ ABC eşkenar
 üçgeninde,
 $|BD| = |EC|$ ve
 $m(\widehat{EAC}) = 45^\circ$
 ise $m(\widehat{ADE})$
 kaç derecedir?
 A) 10° B) 15° C) 20° D) 25° E) 30°

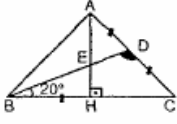


12. Δ ADC'de
 $|BD| = 2 \cdot |DC|$,
 $m(\widehat{ADC}) = 60^\circ$
 ve $m(\widehat{ACD}) = 45^\circ$ ise $m(\widehat{ABD})$ kaç
 derecedir?
 A) 5° B) 10° C) 15° D) 30° E) 45°



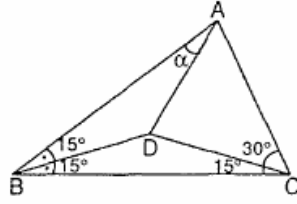
kamptayım

3. Şekildeki ABC
 üçgeninde
 $|AD| = |DC| = |BH|$,
 $[AH] \perp [BC]$ ve
 $m(\widehat{CBD}) = 20^\circ$
 olduğuna göre $m(\widehat{BDC})$ kaç
 derecedir?
 A) 95° B) 100° C) 110°
 D) 120° E) 130°

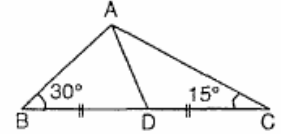


kamptayım

8. Şekilde verilenlere göre α kaç
 derecedir?
 A) 10° B) 15° C) 20° D) 25° E) 30°

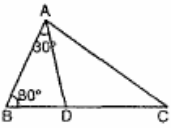


13. Δ ABC'de $|BD| = |DC|$, $m(\widehat{ABC}) = 30^\circ$
 ve $m(\widehat{ACD}) = 15^\circ$ olduğuna göre
 $m(\widehat{BAD})$ kaç derecedir?
 A) 90° B) 100° C) 105°
 D) 110° E) 115°



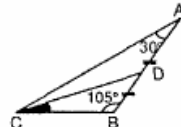
kamptayım

4. ABC üçgeninde
 $m(\widehat{BAD}) = 30^\circ$,
 $m(\widehat{ABD}) = 80^\circ$
 ve $|AC| = |AB| + |BD|$ olduğuna
 göre $m(\widehat{ACB})$ kaç derecedir?
 A) 60° B) 50° C) 40° D) 30° E) 20°

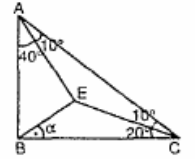


kamptayım

9. Şekilde
 $m(\widehat{CAD}) = 30^\circ$,
 $|AD| = |BD|$,
 $m(\widehat{DBC}) = 105^\circ$
 olduğuna göre $m(\widehat{DCB})$ kaç
 derecedir?
 A) 60° B) 50° C) 40° D) 30° E) 15°

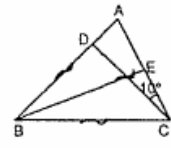


14. Şekilde
 verilenlere göre
 α kaç
 derecedir?
 A) 5° B) 10° C) 20° D) 30° E) 40°

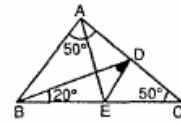


kamptayım

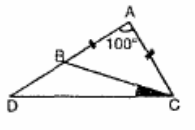
5. Δ ABC'de
 $|BD| = |BE| = |BC|$,
 $[BE]$ açıortay ve
 $m(\widehat{ACD}) = 10^\circ$
 olduğuna göre $m(\widehat{ABC})$ kaç
 derecedir?
 A) 10° B) 20° C) 30° D) 40° E) 60°



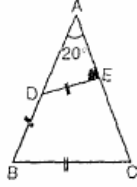
10. Şekilde
 verilenlere göre
 $m(\widehat{BDE})$ kaç
 derecedir?
 A) 80° B) 70° C) 60° D) 40° E) 30°



15. Şekilde
 $|AB| = |AC|$,
 $|BC| = |AB| + |BD|$,
 $m(\widehat{BAC}) = 100^\circ$
 olduğuna göre $m(\widehat{BCD})$ kaç dere-
 cedir?
 A) 10° B) 15° C) 20° D) 30° E) 35°

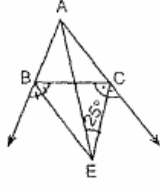


16. Şekilde
 $\hat{m}(\widehat{DAE}) = 20^\circ$,
 $|AB| = |AC|$ ve
 $|DE| = |BD| = |BC|$
 olduğuna göre



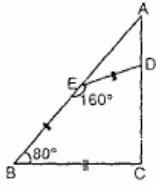
- $\hat{m}(\widehat{AED})$ kaç
 derecedir?
 A) 150° B) 145° C) 140°
 D) 135° E) 120°

17. Şekilde
 $[BE]$ ve $[CE]$
 dış açıortaydır.
 $\hat{m}(\widehat{BAC}) = 56^\circ$,
 $\hat{m}(\widehat{AEC}) = 25^\circ$

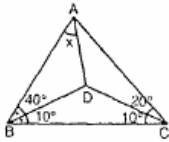


- olduğuna göre $\hat{m}(\widehat{ACB})$ kaç
 derecedir?
 A) 56° B) 60° C) 66° D) 72° E) 74°

18. ΔABC 'de
 $|DE| = |BE| = |BC|$,
 $\hat{m}(\widehat{B}) = 80^\circ$,
 $\hat{m}(\widehat{DEB}) = 160^\circ$
 olduğuna göre
 $\hat{m}(\widehat{EDC})$ kaç derecedir?
 A) 60° B) 50° C) 45° D) 40° E) 30°

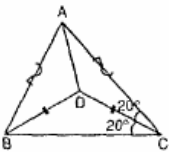


19. Şekilde
 verilenlere göre
 $\hat{m}(\widehat{BAD})$ kaç
 derecedir?

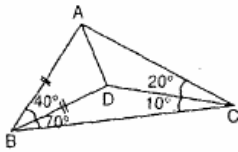


- A) 70° B) 60° C) 50° D) 45° E) 30°

20. ΔABC 'de
 $\hat{m}(\widehat{ACB}) = \hat{m}(\widehat{DCB}) = 20^\circ$,
 $|AD| = |DC|$,
 $|AB| = |AC|$
 olduğuna göre
 $\hat{m}(\widehat{CBD})$ kaç derecedir?
 A) 5° B) 10° C) 15° D) 20° E) 30°

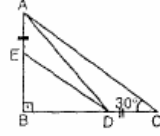


21.



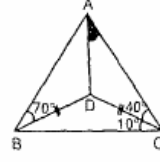
- ΔABC 'de $|AB| = |BD| = |DC|$,
 $\hat{m}(\widehat{ABD}) = 40^\circ$ ve $\hat{m}(\widehat{DBC}) = 10^\circ$
 olduğuna göre $\hat{m}(\widehat{DAC})$ kaç
 derecedir?
 A) 30° B) 40° C) 45° D) 50° E) 60°

22. $\hat{m}(\widehat{B}) = 90^\circ$
 olan ΔABC
 dik üçgeninde
 $|AE| = |DC|$,
 $\hat{m}(\widehat{ACB}) = 30^\circ$



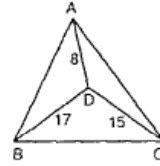
- olduğuna göre
 $\hat{m}(\widehat{EDB})$ kaç derecedir?
 A) 10° B) 15° C) 20° D) 30° E) 45°

23. ΔABC üçgeninde
 $|BD| = |DC|$,
 $\hat{m}(\widehat{DCB}) = 10^\circ$,
 $\hat{m}(\widehat{ACD}) = 40^\circ$,
 $\hat{m}(\widehat{ABD}) = 70^\circ$



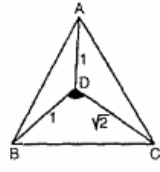
- olduğuna göre $\hat{m}(\widehat{DAC})$ kaç
 derecedir?
 A) 10° B) 15° C) 20° D) 25° E) 30°

24. ΔABC eşkenar
 üçgeninde
 $|AD| = 8\text{cm}$,
 $|DC| = 15\text{cm}$,
 $|BD| = 17\text{cm}$.
 olduğuna göre



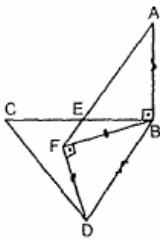
- $\hat{m}(\widehat{ADC})$ kaç derecedir?
 A) 100° B) 110° C) 120°
 D) 135° E) 150°

25. Şekildeki ΔABC
 eşkenar
 üçgeninde
 $|AD| = |BD| = 1\text{cm}$,
 $|DC| = \sqrt{2}\text{cm}$



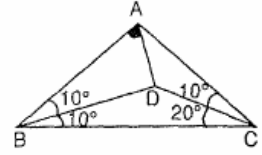
- olduğuna göre $\hat{m}(\widehat{BDC})$ kaç
 derecedir?
 A) 100° B) 105° C) 120°
 D) 135° E) 150°

26. Şekilde
 $\hat{m}(\widehat{DFB}) = \hat{m}(\widehat{EBA}) = 90^\circ$,
 ΔCBD eşkenar
 üçgen,
 $|BD| = |AB|$ ve
 $|FB| = |FD|$
 olduğuna



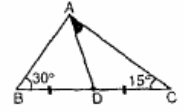
- göre $\hat{m}(\widehat{FAB})$ kaç derecedir?
 A) 60° B) 45° C) 30° D) 15° E) 10°

27.



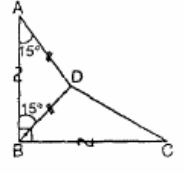
- Şekilde,
 $\hat{m}(\widehat{ABD}) = \hat{m}(\widehat{CBD}) = \hat{m}(\widehat{BCD}) = 10^\circ$
 ve $\hat{m}(\widehat{ACD}) = 20^\circ$ olduğuna göre
 $\hat{m}(\widehat{BAD})$ kaç derecedir?
 A) 15° B) 20° C) 25° D) 30° E) 60°

28. ΔABC



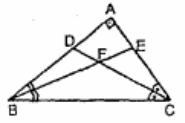
- üçgeninde D,
 $[BC]$ nin orta
 noktası,
 $\hat{m}(\widehat{ACB}) = 15^\circ$ ve $\hat{m}(\widehat{ABC}) = 30^\circ$
 olduğuna göre $\hat{m}(\widehat{DAC})$ kaç
 derecedir?
 A) 10° B) 15° C) 30° D) 40° E) 45°

29. Şekilde
 $[AB] \perp [BC]$,
 $|AD| = |BD|$,
 $|AB| = |BC|$ ve
 $\hat{m}(\widehat{BAD}) = 15^\circ$



- ve olduğuna göre $\hat{m}(\widehat{ADC})$ kaç
 derecedir?
 A) 100° B) 110° C) 120°
 D) 130° E) 135°

30. $\hat{m}(\widehat{A}) = 90^\circ$,
 ΔABC dik üçgen,
 $[DC]$ ve $[BE]$
 açıortaydır. $\frac{|BF|}{|FE|} = \sqrt{3} + 2$



- ise $\hat{m}(\widehat{DCA})$ kaç derecedir?
 A) 60° B) 40° C) 30° D) 20° E) 15°

geometri5

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