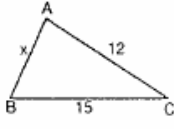


Kamptayım...

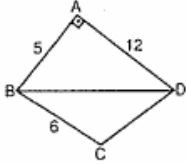
hak eden kazanacak...

1. Şekilde,
 $|AC| = 12$ br,
 $|BC| = 15$ br ve
 $x \in \mathbb{N}$ dir.
 $\hat{m}(C) > \hat{m}(B)$ ise koşula uyan kaç
 üçgen vardır?
 A) 8 B) 9 C) 10 D) 14 E) 25

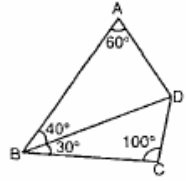


kamptayım

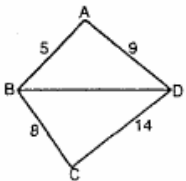
2. Şekilde,
 $\hat{m}(A) = 90^\circ$,
 $\hat{m}(C) > 90^\circ$ dir.
 $|AB| = 5$ br,
 $|AD| = 12$ br
 ve $|BC| = 6$ br ise $|CD|$ için kaç
 tamsayı değer vardır?
 A) 13 B) 9 C) 6 D) 4 E) 3



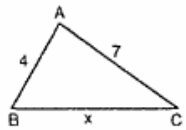
3. Şekilde
 verilenlere
 göre, en uzun
 kenar
 aşağıdakilerden
 hangisidir?
 A) $|AB|$ B) $|BC|$ C) $|CD|$
 D) $|DA|$ E) $|BD|$



4. Şekilde,
 $\hat{m}(BAD) > \hat{m}(ABD)$,
 $\hat{m}(CBD) > \hat{m}(BCD)$
 $|AB| = 5$ br,
 $|BC| = 8$ br
 $|CD| = 14$ br, $|AD| = 9$ br dir. $|BD|$
 nin alabileceği tamsayı değerleri
 toplamı kaçtır?
 A) 33 B) 46 C) 57 D) 85 E) 169



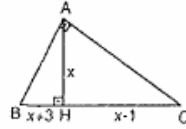
5. Şekilde,
 $\hat{m}(A) > 90^\circ$ dir.
 $|AB| = 4$ br,
 $|AC| = 7$ br ve
 $x \in \mathbb{Z}^+$ ise kaç farklı üçgen vardır?
 A) 1 B) 2 C) 3 D) 4 E) 5



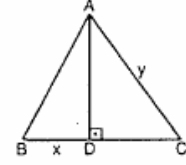
kamptayım

kamptayım

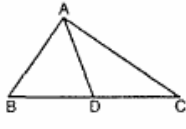
6. Şekilde,
 $[BA] \perp [AC]$
 $[AH] \perp [BC]$ dir.
 $|AH| = x$
 $|BH| = x+3$ ve $|CH| = x-1$ br
 ise $|BC|$ kaç birimdir?
 A) 3 B) 4 C) 5 D) 6 E) 7



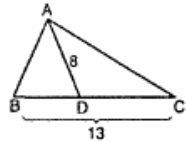
7. Şekilde,
 $|AD| \perp [BC]$
 $|AB| = |DC| = 5$ cm,
 $|BD| = x$,
 $|AC| = y$
 ve $x \cdot y = 25$ cm² ise ABC
 üçgeninin çevresi kaç cm dir?
 A) 15 B) 20 C) 25 D) 30 E) 35



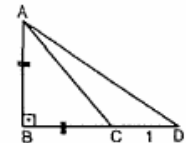
8. ABC
 üçgeninde,
 $|AD| = |BD| = |DC|$
 dir.
 $|AB| = 2x$,
 $|AC| = 3x - 1$, $|AD| = x + 2$ ise x kaçtır?
 A) 7 B) 6 C) 5 D) 4 E) 3



9. Şekildeki ABC
 üçgeninde,
 $\hat{m}(ABD) = \hat{m}(ADB)$,
 $|AD| = 8$ br,
 $|BC| = 13$ br
 ise $|AC|$ nin alabileceği tam sayı
 değeri kaç tanedir?
 A) 8 B) 9 C) 10 D) 12 E) 15



10. ABD
 üçgeninde,
 $\hat{m}(B) = 90^\circ$,
 $\hat{m}(D) = 30^\circ$,
 $|CD| = 1$ br,
 $|AB| = |BC|$ ise $|AD|$ kaç birimdir?
 A) $\sqrt{3}$ B) $\sqrt{3} - 1$ C) $\sqrt{3} + 1$
 D) $2\sqrt{3}$ E) $2\sqrt{3} - 1$

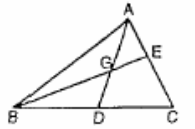


kamptayım

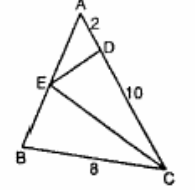
kamptayım

kamptayım

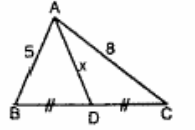
11. ABC
 üçgeninde, G
 ağırlık
 merkezidir.
 $|GE| = \frac{5}{2}$ br,
 $|AD| = 9$ br olduğuna göre, tam sayı
 olarak $|AB|$ en çok kaç birimdir?
 A) 12 B) 10 C) 9 D) 8 E) 7



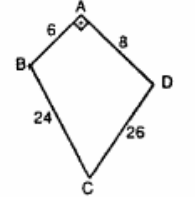
12. ABC üçgeninde,
 $[CE]$ açıortay,
 $|BC| = 8$ cm,
 $|CD| = 10$ cm,
 $|AD| = 2$ cm ise,
 $\frac{A(\triangle ADE)}{A(\triangle ABC)}$
 kaçtır?
 A) $\frac{1}{10}$ B) $\frac{1}{9}$ C) $\frac{1}{8}$ D) $\frac{1}{7}$ E) $\frac{1}{6}$



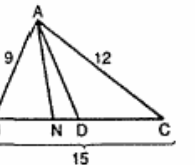
13. Şekilde,
 $|AB| = 5$ cm,
 $|AC| = 8$ cm,
 $|BD| = |DC|$ ise
 $|AD| = x$ in alabileceği tamsayı de-
 ğerlerin toplamı kaçtır?
 A) 21 B) 20 C) 15 D) 14 E) 9



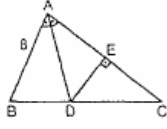
14. Şekilde,
 $[AB] \perp [AD]$,
 $|AB| = 6$ br,
 $|AD| = 8$ br,
 $|BC| = 24$ br,
 $|CD| = 26$ br
 olduğuna göre dörtgenin alanı kaç
 birim karedir?
 A) 72 B) 96 C) 144
 D) 154 E) 162



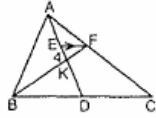
15. ABC
 üçgeninde,
 $[AN]$ açı ortay,
 $[AD]$ kenar
 ortay,
 $|AB| = 9$ cm,
 $|AC| = 12$ cm,
 $|BC| = 15$ cm ise $|ND|$ kaç cm dir?
 A) 1 B) $\frac{15}{14}$ C) $\frac{3}{2}$ D) 2 E) $\frac{17}{7}$



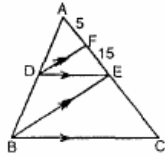
16. ABC üçgeninde, [AD] açıortay, [DE] \perp [AC], |AB| = 8 br, $\Delta A(ABD) = 16\sqrt{2}$ br² ise |DE| kaç birimdir?
A) $\sqrt{2}$ B) $2\sqrt{2}$ C) $3\sqrt{2}$
D) $4\sqrt{2}$ E) $5\sqrt{2}$



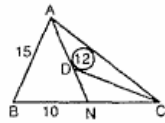
17. ABC üçgeninde, |BD| = |DC|, |CF| = 2|AF|, [EF] // [BC] ve |EK| = 4 cm ise |AD| kaç cm dir?
A) 20 B) 22 C) 24 D) 28 E) 36



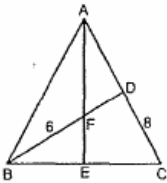
18. Şekilde, [DF] // [BE], [DE] // [BC], |AF| = 5 cm, |EF| = 15 cm ise |EC| kaç cm dir?
A) 64 B) 60 C) 52 D) 48 E) 40



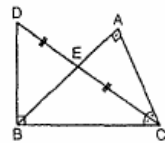
19. Şekilde, [AN] ve [CD] açıortaylar, |AB| = 15 cm, |BN| = 10 cm, $\Delta A(DCA) = 12$ cm² ise $\Delta A(ANC)$ kaç cm² dir?
A) 15 B) 18 C) 20 D) 24 E) 25



20. ABC üçgeninde, [BD] kenarortay, [AE] açıortay, [AE] \perp [BC] dir. |CD| = 8 cm, |BF| = 6 cm ise |BD| kaç cm dir?
A) 8 B) 9 C) 10 D) 11 E) 12



21. Şekilde, [DB] \perp [BC], [BA] \perp [AC], [CD] açıortay [DE] = |EC| ise $\frac{|BD|}{|EA|}$ kaçtır?
A) $\frac{1}{2}$ B) $\frac{2}{3}$ C) 1 D) 2 E) 3

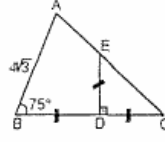


kamptayım

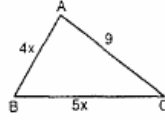
kamptayım

kamptayım

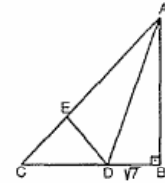
22. ABC üçgeninde, [DE] \perp [BC], |BD| = |DC| = |DE|, |AB| = $4\sqrt{3}$ cm ve $m(\hat{B}) = 75^\circ$ ise |DC| kaç cm dir?
A) $\sqrt{2}$ B) $\sqrt{3}$ C) $2\sqrt{2}$
D) $2\sqrt{3}$ E) $3\sqrt{2}$



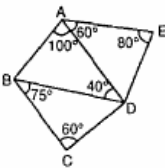
23. $x \in \mathbb{Z}^+$ olmak üzere, |AB| = 4x br, |BC| = 5x br ve |AC| = 9 br olduğuna göre ABC üçgeninin çevresi en çok kaç birimdir?
A) 81 B) 79 C) 76 D) 53 E) 48



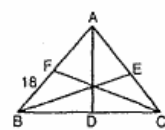
24. ABC dik üçgeninde, $m(\hat{B}) = 90^\circ$, |AC| = 3|EC|, |BD| = $\sqrt{7}$ br. $m(\hat{BDA}) = m(\hat{ADE}) = m(\hat{EDC})$ ise |AC| kaç birimdir?
A) 6 B) 7 C) $3\sqrt{7}$
D) 9 E) $4\sqrt{7}$



25. Şekilde verilene göre, en uzun kenar hangisidir?
A) [CD] B) [BD] C) [ED]
D) [AB] E) [AD]



26. Şekildeki ABC üçgeninde, |AC| = 3|EC|, |BD| = 2|DC|, |BF| = 18 cm ise |AF| kaç cm dir?
A) 6 B) 8 C) 10 D) 12 E) 18

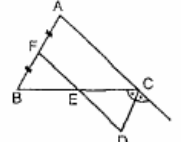


kamptayım

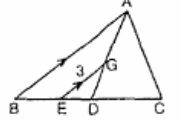
kamptayım

kamptayım

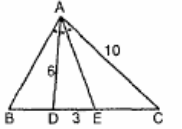
27. Şekilde, ABC eşkenar üçgen, [CD] dış açıortay, |BC| = $6\sqrt{3}$ cm |CD| = 12 cm ise |DF| kaç cm dir?
A) 10 B) 12 C) 15 D) 17 E) 24



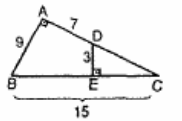
28. ABC üçgeninde G ağırlık merkezi ve [EG] // [AB] dir. |GE| = 3 br ise |AB| kaçtır?
A) 4 B) 4,5 C) 6 D) 9 E) 12



29. ABC üçgeninde, |AD| = 6 br, |DE| = 3 br, |AC| = 10 br, $m(\hat{BAD}) = m(\hat{DAE}) = m(\hat{EAC})$, olduğuna göre, $\angle(ABC)$ kaç birimdir?
A) $15 + 3\sqrt{5}$ B) $21 + 3\sqrt{5}$
C) $24 + 3\sqrt{5}$ D) $27 + 3\sqrt{5}$
E) $30 + 3\sqrt{5}$



30. ABC üçgeninde, $m(\hat{A}) = m(\hat{E}) = 90^\circ$, |AB| = 9 cm, |BC| = 15 cm, |DE| = 3 cm, |AD| = 7 cm olduğuna göre A(ADEB) dörtgeninin alanı kaç cm² dir?
A) 18 B) 24 C) 36 D) 48 E) 54



geometri3

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