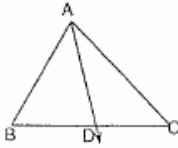


Kamptayım...

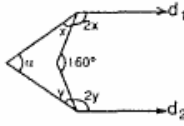
hak eden kazanacak...

1. Şekle göre,
 $\triangle ABC \cap [AD]$
 kümesi
 aşağıdakilerde
 n hangisidir?



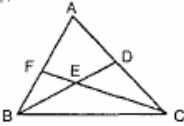
- A) {A} B) {AD} C) {D}
 D) {A,D} E) \emptyset

2. Şekilde $d_1 // d_2$
 dir. Verilenlere
 göre α kaç de-
 recedir?



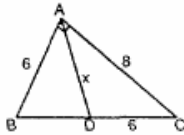
- A) 20° B) 30° C) 40°
 D) 50° E) 60°

3. ABC
 üçgeninde,
 $\frac{|AD|}{|AC|} = \frac{|BF|}{|BA|} = \frac{4}{9}$
 ise $\frac{|ED|}{|EB|} \cdot \frac{|EF|}{|EC|}$
 oranı kaçtır?



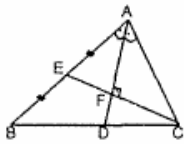
- A) $\frac{15}{81}$ B) $\frac{20}{81}$ C) $\frac{25}{81}$ D) $\frac{9}{16}$ E) $\frac{81}{16}$

4. ABC dik üçgen,
 $|AB|=|CD|=6\text{cm}$,
 $|AC|=8\text{cm}$
 ise x^2 kaç
 cm^2 dir?



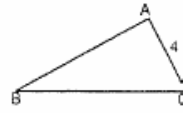
- A) $\frac{116}{5}$ B) 25 C) $\frac{164}{5}$
 D) 36 E) $\frac{256}{5}$

5. ABC
 üçgeninde,
 $[AD]$ açıortay,
 $[CE]$
 kenarortaydır.



- $|BC|=30\text{ cm}$ ve $[CE] \perp [AD]$ ise
 $|BD|$ kaç cm dir?
 A) 5 B) 10 C) 12 D) 15 E) 20

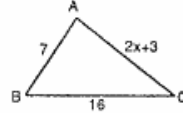
6. ABC
 üçgeninde,
 $m(\hat{A}) = 2 \cdot m(\hat{C})$



- $|AC|=4\text{ cm}$, $m(\hat{B})=22^\circ$, 5 ise
 $|AB|$ kaç cm dir?

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

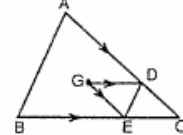
7. ABC
 üçgeninde,
 $|AB|=7\text{ cm}$
 $|BC|=16\text{ cm}$
 $|AC|=2x+3\text{ cm}$



- ise x in alabileceği tamsayı değerler
 toplamı kaçtır?

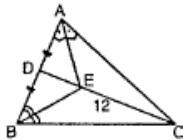
- A) 39 B) 35 C) 30 D) 24 E) 20

8. Şekildeki ABC
 üçgenin ağırlık
 merkezi G'dir.



- $[GD] // [BC]$,
 $[GE] // [AC]$ ve
 GED üçgeninin çevresi 9 cm ise,
 ABC üçgeninin çevresi kaç cm dir?
 A) 18 B) 24 C) 27 D) 30 E) 36

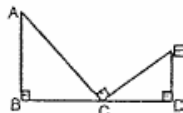
9. ABC
 üçgeninde,
 $[AE]$ ve $[BE]$
 açıortaylar,
 $[CD]$
 kenarortaydır. $|EC|=12\text{ cm}$ ve



- $\frac{A(ADE)}{A(BEC)} = \frac{1}{4}$ ise $|BC|$ kaç cm dir?

- A) 14 B) $4\sqrt{15}$ C) 16
 D) $5\sqrt{15}$ E) $6\sqrt{15}$

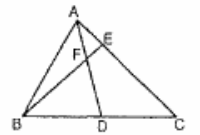
10. Şekilde,
 $|AB|=x+2$,
 $|BC|=x+4$,
 $|CD|=3y$,



- $|DE|=4y$, $m(\hat{B})=m(\hat{ACE})=m(\hat{D})=90^\circ$
 ise x kaçtır?

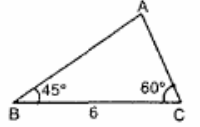
- A) 2 B) 3 C) 4 D) 5 E) 6

11. ABC
 üçgeninde,
 $|EC|=4|EA|$,
 $|BD|=|DC|$,
 $\text{Alan}(ABC)=90\text{ cm}^2$
 ise $\text{Alan}(AFE)$ kaç cm^2 dir?



- A) 3 B) 4 C) 5 D) 6 E) 9

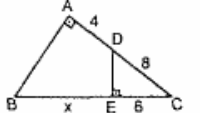
12. ABC
 üçgeninde,
 $m(\hat{A})=45^\circ$,



- $m(\hat{C})=60^\circ$ ve,
 $|BE|=6\text{ cm}$ ise $A(ABC)$ kaç cm^2 dir?

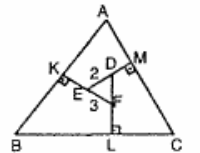
- A) $9(3-\sqrt{3})$ B) $9(\sqrt{3}-1)$
 C) $6(3-\sqrt{3})$ D) $\frac{9}{2}$
 E) 4

13. ABC dik
 üçgeninde,
 $[DE] \perp [BC]$,



- $|AD|=4\text{ cm}$, $|DC|=8\text{ cm}$,
 $|EC|=6\text{ cm}$ ise $|BE|=x$ kaç cm dir?
 A) 8 B) 9 C) 10 D) 12 E) $3\sqrt{41}$

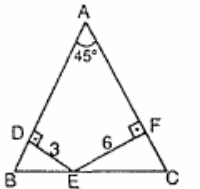
14. ABC üçgeninde
 $|AB|=12\text{ cm}$,
 $|DE|=2\text{ cm}$,
 $|EF|=3\text{ cm}$,



- $m(\hat{K})=m(\hat{M})=m(\hat{L})=90^\circ$ ise $|AC|$ kaç
 cm dir?

- A) 6 B) 8 C) 10 D) 12 E) 15

15. ABC
 üçgeninde,
 $|AB|=|AC|$,
 $m(\hat{A})=45^\circ$
 $[ED] \perp [AB]$,
 $[EF] \perp [AC]$,



- $|DE|=3\text{ cm}$, $|EF|=6\text{ cm}$ ise
 $|AB|$ kaç cm dir?

- A) $6\sqrt{2}$ B) 9 C) $8\sqrt{2}$
 D) 12 E) $9\sqrt{2}$

kamptayım

kamptayım

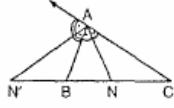
kamptayım

kamptayım

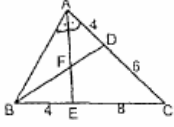
kamptayım

kamptayım

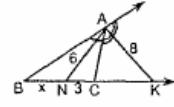
16. ABC üçgeninde [AN] iç açıortay, [AN'] dış açıortaydır. $\frac{|AN|}{|AN'|} = \frac{3}{4}$ ise |AN| ve |AN'| tamsayı iken |NN'| tamsayı olarak kaç birim olabilir?
A) 6 B) 8 C) 10 D) 12 E) 14



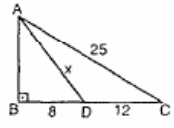
17. ABC üçgeninde, [AE] açıortay, |AD| = 4 cm, |DC| = 6 cm, |BE| = 4 cm, |EC| = 10 cm ise |EF| kaç cm dir?
A) 4 B) 3 C) $2\sqrt{2}$ D) $\sqrt{2}$ E) 1



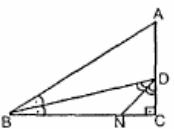
18. ABC üçgeninde [AN] iç, [AK] dış açıortaydır |AN| = 6 cm, |AK| = 8 cm, |NC| = 3 cm ise |BN| = x kaç cm dir?
A) 7,5 B) 7 C) 6,5 D) 6 E) 5



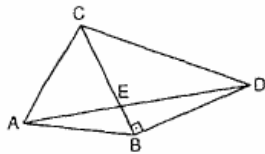
19. ABC dik üçgeninde, |BD| = 8 cm, |DC| = 12 cm, |AC| = 25 cm ise |AD| = x kaç cm dir?
A) 13 B) 14 C) 15 D) 16 E) 17



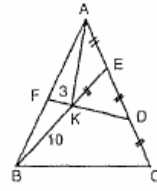
20. ABC dik üçgeninde, [BD] ve [DN] açıortay, |BN| = 2|NC| = 4 cm ise $\frac{|DN|}{|DA|}$ kaçtır?
A) $\frac{\sqrt{3}}{3}$ B) $\frac{1}{2}$ C) $\frac{\sqrt{3}}{2}$
D) 1 E) $\frac{2\sqrt{3}}{3}$



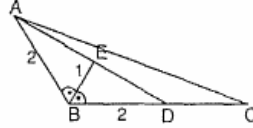
21. ABCD düzlemsel şekilde, ABC eşkenar üçgen, CBD ikizkenar dik üçgendir. m(AEC) kaç derecedir?
A) 50° B) 55° C) 60° D) 70° E) 75°



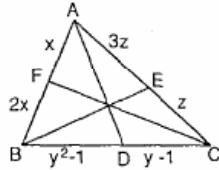
22. Şekildeki ABC üçgeninde, |AE| = |ED| = |DC| = |EK|, |BK| = 2|KE| dir. |FK| = 3 cm, |BK| = 10 cm ise, A(ABC) kaç cm² dir?
A) 72 B) 98 C) 108 D) 120 E) 128



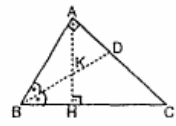
23. ABC üçgeninde, [AD] kenarortay, [BE] açıortay, |BE| = 1 cm ve |BD| = |AB| = 2 cm ise |AC| kaç cm dir?
A) $2\sqrt{2}$ B) 3 C) $2\sqrt{3}$
D) $2\sqrt{5}$ E) $2\sqrt{7}$



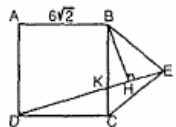
24. Şekilde verilenlere göre, y kaçtır?
A) $\frac{3}{2}$ B) 2 C) $\frac{5}{2}$ D) 5 E) 7



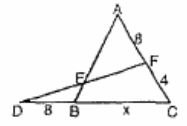
25. ABC dik üçgeninde, [AH] ⊥ [BC], [BD] açıortay, |AK| = 3|KH|, |AC| = $3\sqrt{2}$ cm ise |AH| kaç cm dir?
A) 1 B) $\sqrt{2}$ C) $\frac{3}{2}$ D) 2 E) $2\sqrt{2}$



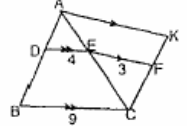
26. Şekilde, ABCD kare, BCE eşkenar üçgen, [AH] ⊥ [DE], |AB| = $6\sqrt{2}$ cm ise |BH| kaç cm dir?
A) 4 B) 5 C) 6 D) $4\sqrt{3}$ E) $5\sqrt{2}$



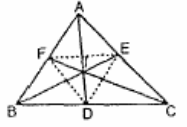
27. Şekilde, |AF| = |BD| = 8 cm, |FC| = 4 cm, A(ABC) = A(DCF) ise |BC| = x kaç cm dir?
A) 1 B) 2 C) 3 D) 4 E) 5



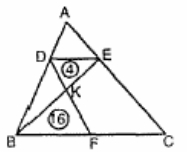
28. Şekilde, [DE] // [BC], [EF] // [AK], |DE| = 4 cm, |BC| = 9 cm, |EF| = 3 cm ise |AK| kaç cm dir?
A) $\frac{5}{3}$ B) $\frac{12}{5}$ C) 4,2 D) 4,8 E) 5,4



29. Şekilde, I noktası ABC üçgeninin iç teğet çemberinin merkezidir. |AB| = 6 cm, |BC| = 10 cm, |AC| = 12 cm ise A(DEF) kaç cm² dir?
A) $\frac{20\sqrt{14}}{11}$ B) $\frac{10\sqrt{14}}{11}$ C) $\frac{4\sqrt{14}}{11}$
D) $\frac{10\sqrt{7}}{7}$ E) $\frac{8\sqrt{3}}{3}$



30. Şekilde, [DE] // [BC], |FC| = 3|DE|, A(DEK) = 4 cm², A(BKF) = 16 cm² ise Alan(ABC) kaç cm² dir?
A) 85 B) 75 C) 70 D) 65 E) 60



geometri1

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