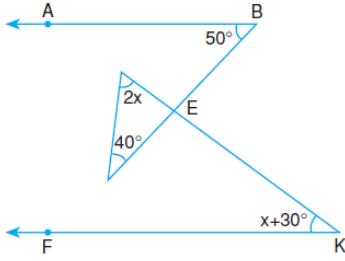


9.SINIF MATEMATİK ÜÇGEN GENEL TARAMA

1)

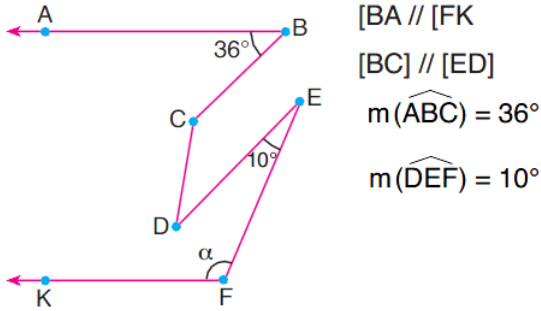


Şekilde, $[KF \parallel [BA$ dır.

Verilenlere göre x kaç derecedir?

- A) 12 B) 18 C) 20 D) 24 E) 30

2)



$[BA \parallel [FK$

$[BC \parallel [ED$

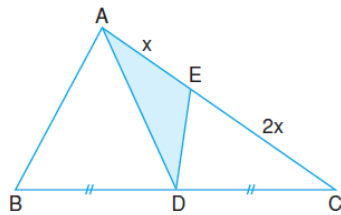
$m(\widehat{ABC}) = 36^\circ$

$m(\widehat{DEF}) = 10^\circ$

Yukarıdaki verilere göre, $m(\widehat{EFK}) = \alpha$ kaç derecedir?

- A) 122 B) 126 C) 130 D) 132 E) 134

3)

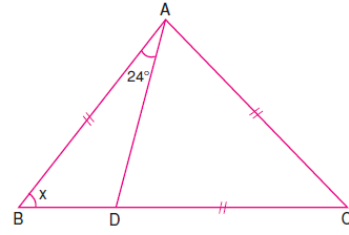


ABC üçgeninde verilenlere göre, $\frac{A(ADE)}{A(ABC)}$

kaçtır?

- A) $\frac{1}{8}$ B) $\frac{1}{7}$ C) $\frac{1}{6}$ D) $\frac{1}{5}$ E) $\frac{1}{4}$

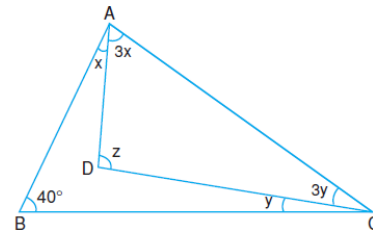
4)



ABC üçgeninde verilenlere göre x kaç derecedir?

- A) 42 B) 43 C) 44 D) 45 E) 46

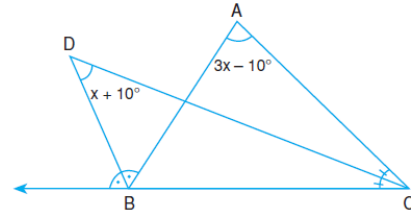
5)



ABC üçgeninde verilenlere göre z kaç derecedir?

- A) 55 B) 60 C) 65 D) 70 E) 75

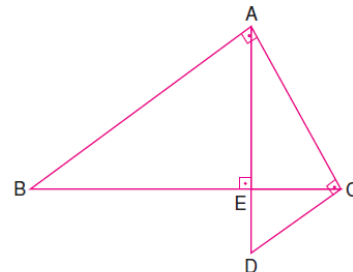
6)



ABC üçgeninde verilenlere göre x kaç derecedir?

- A) 20 B) 25 C) 30 D) 35 E) 40

7)

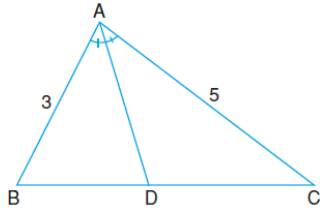


ABC ve ACD dik üçgenlerinde,

$|AE| = 4|ED|$ ise $\frac{|AB|}{|EC|}$ kaçtır?

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

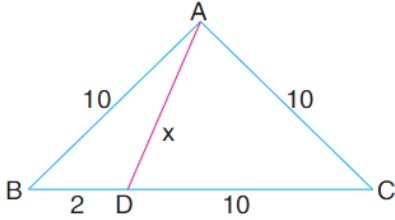
8)



ABC üçgeninde $[AD]$ açıortay, $|AB| = 3$ cm
 $|AC| = 5$ cm, $A(ABC) = 40$ cm² ise $A(ABD)$ kaç
 cm² dir?

- A) 15 B) 18 C) 20 D) 21 E) 22

9)

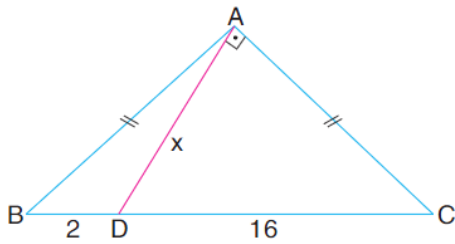


ABC ikizkenar üçgen

$|AB| = |AC| = |DC| = 10$ cm ve $|BD| = 2$ cm
 olduğuna göre, $|AD| = x$ kaç cm dir?

- A) $6\sqrt{2}$ B) $4\sqrt{5}$ C) 9
 D) $3\sqrt{10}$ E) $4\sqrt{6}$

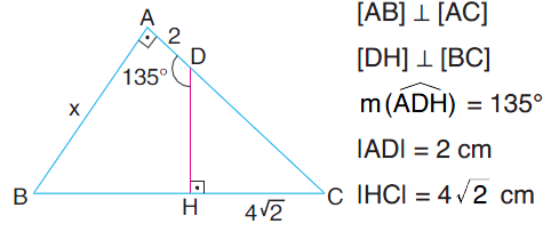
10)



ABC ikizkenar üçgen, $[AD] \perp [AC]$,
 $|AB| = |AC|$, $|BD| = 2$ cm ve $|DC| = 16$ cm
 olduğuna göre, $|AD| = x$ kaç cm dir?

- A) $6\sqrt{3}$ B) $4\sqrt{7}$ C) 11
 D) $8\sqrt{2}$ E) $3\sqrt{15}$

11)

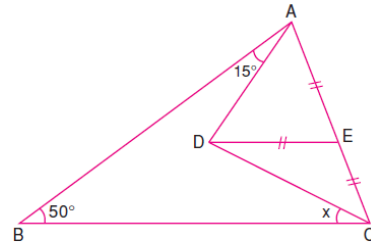


$[AB] \perp [AC]$
 $[DH] \perp [BC]$
 $m(\widehat{ADH}) = 135^\circ$
 $|AD| = 2$ cm
 $|HC| = 4\sqrt{2}$ cm

Yukarıdaki verilere göre, $|AB| = x$ kaç cm
 dir?

- A) 8 B) 9 C) 10 D) 11 E) 12

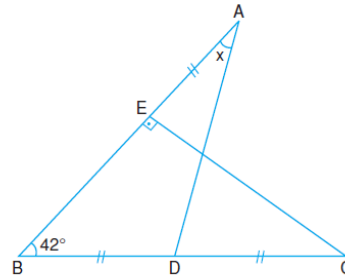
12)



ABC üçgeninde verilenlere göre x kaç derecedir?

- A) 15 B) 20 C) 25 D) 30 E) 35

13)

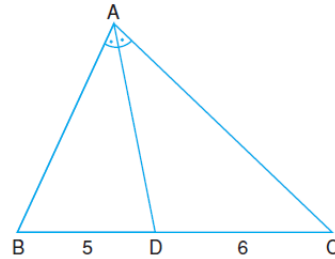


ABD ve BCE üçgenlerinde,

$|AE| = |BD| = |DC|$ dir. Verilenlere göre x kaç
 derecedir?

- A) 20 B) 21 C) 22 D) 23 E) 24

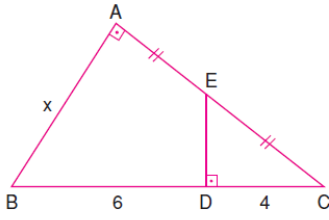
14)



ABC üçgeninde, $[AD]$ açıortay, $|BD| = 5$ cm
 $|DC| = 6$ cm, $\text{Çevre}(ABC) = 33$ cm ise
 $|AC|$ kaç cm dir?

- A) 13 B) 12 C) 11 D) 10 E) 9

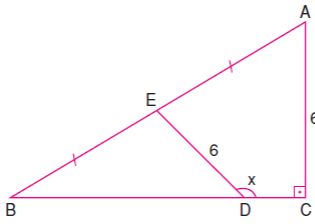
15)



ABC dik üçgeninde verilenlere göre x kaç birimdir?

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

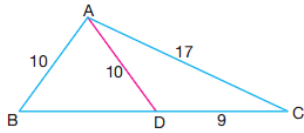
16)



ABC üçgeninde verilenlere göre x kaç derecedir?

- A) 150 B) 145 C) 140 D) 135 E) 130

17)

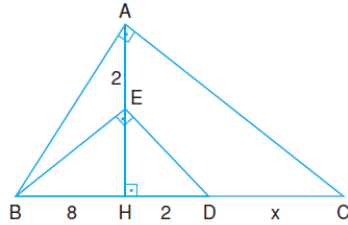


ABC üçgeninde
 $|AB|=|AD|=10$ cm
 $|DC|=9$ cm
 $|AC|=17$ cm

Yukarıdaki verilere göre, $|BD|$ kaç cm dir?

- A) 12 B) 14 C) 15 D) 18 E) 20

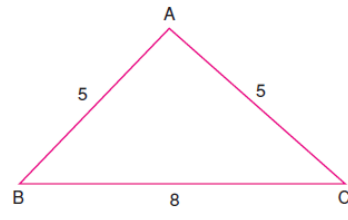
18)



ABC ve BED dik üçgenlerinde $[AH] \perp [BC]$ dir. Verilenlere göre x kaç birimdir?

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

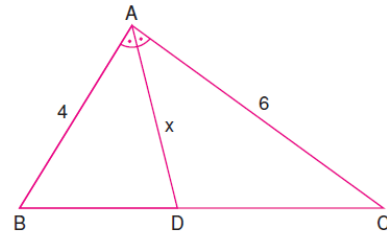
19)



ABC üçgeninde, $|AB| = |AC| = 5$ cm
 $|BC| = 8$ cm ise $A(ABC)$ kaç cm^2 dir?

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

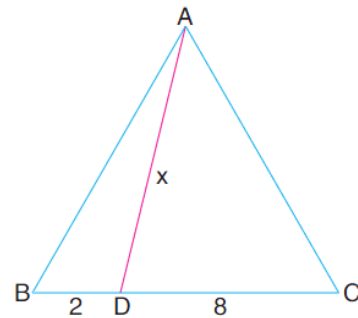
20)



ABC üçgeninde $[AD]$ açıortay, $|AB| = 4$ cm
 $|AC| = 6$ cm, $|BC| = 5$ cm ise $|AD| = x$ kaç cm dir?

- A) $3\sqrt{2}$ B) 4 C) $\sqrt{15}$ D) $2\sqrt{3}$ E) 3

21)

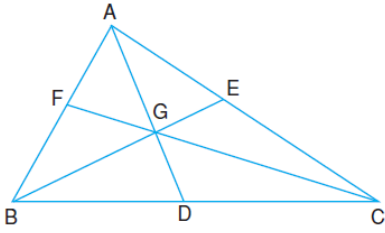


ABC eşkenar üçgen
 $|BD| = 2$ cm
 $|DC| = 8$ cm
 $|AD| = x$

Yukarıdaki verilere göre, $|AD| = x$ kaç cm dir?

- A) $6\sqrt{2}$ B) $4\sqrt{5}$ C) $2\sqrt{21}$
D) $3\sqrt{10}$ E) 9

22)



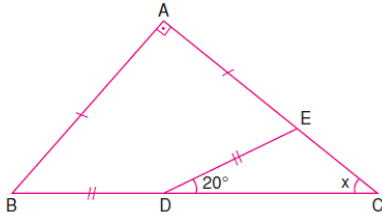
ABC üçgeninde G ağırlık merkezidir.

$|AG| + |BG| + |GC| = 8$ cm ise

$|AD| + |BE| + |CF|$ kaç cm dir?

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

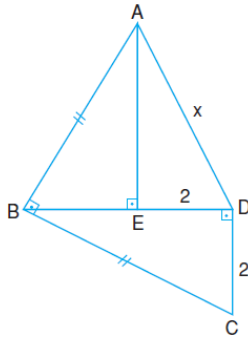
23)



ABC üçgeninde verilenlere göre x kaç derecedir?

- A) 20 B) 25 C) 30 D) 35 E) 40

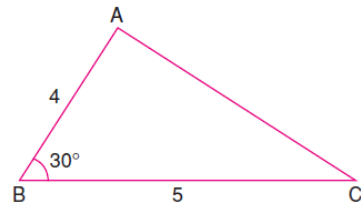
24)



Şekilde, $[AB] \perp [BC]$, $[AE] \perp [BD]$, $[BD] \perp [DC]$
 $|DE| = |DC| = 2$ cm, $|AB| = |BC|$ ise $|AD| = x$
kaç cm dir?

- A) 4 B) $2\sqrt{5}$ C) $2\sqrt{6}$ D) 5 E) $\sqrt{30}$

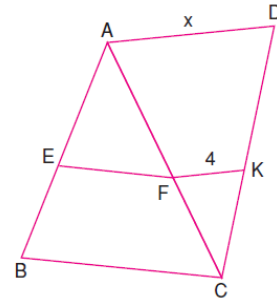
25)



ABC üçgeninde $|AB| = 4$ cm, $|BC| = 5$ cm
 $m(\widehat{ABC}) = 30^\circ$ ise $A(ABC)$ kaç cm^2 dir?

- A) 3 B) 4 C) 5 D) 6 E) 7

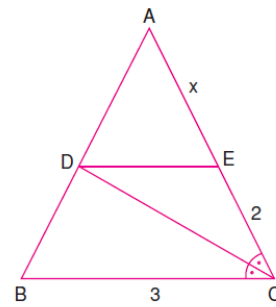
26)



Şekilde, $[EF] \parallel [BC]$, $[FK] \parallel [AD]$, $2|AE| = 3|EB|$
 $|FK| = 4$ cm ise $|AD| = x$ kaç cm dir?

- A) 10 B) 12 C) 16 D) 20 E) 24

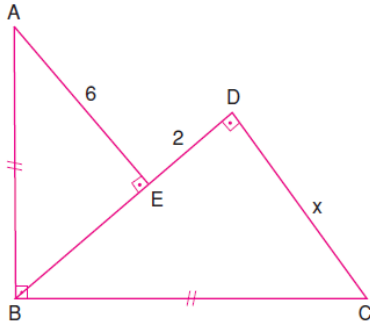
27)



ABC üçgeninde $[DE] \parallel [BC]$ dir. Verilenlere
göre x kaç birimdir?

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

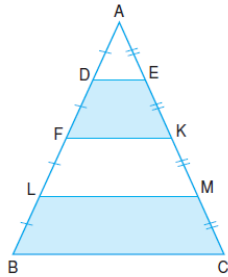
28)



Şekilde verilenlere göre x kaç birimdir?

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

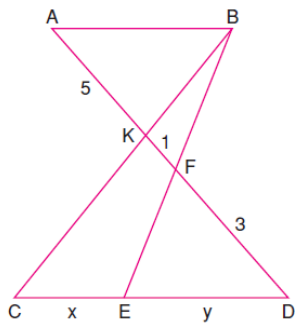
29)



ABC üçgeninde verilenlere göre $\frac{A(DFKE)}{A(BCML)}$ kaçtır?

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

30)

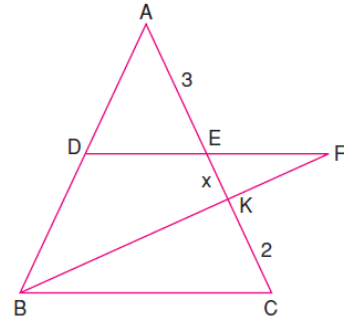


Şekilde $[AB] \parallel [CD]$ dir.

Verilenlere göre $\frac{x}{y}$ kaçtır?

- A) $\frac{3}{5}$ B) $\frac{4}{5}$ C) 1 D) $\frac{6}{5}$ E) $\frac{8}{5}$

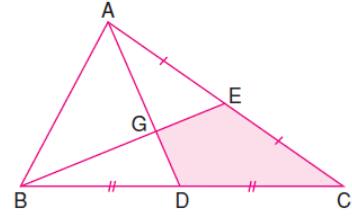
31)



ABC üçgeninde, $[DF] \parallel [BC]$, $|DE| = |EF|$ dir. Verilenlere göre x kaç birimdir?

- A) $\frac{5}{6}$ B) 1 C) $\frac{6}{5}$ D) $\frac{3}{2}$ E) 2

32)

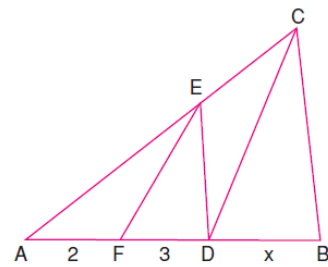


ABC üçgeninde G ağırlık merkezidir.

Buna göre, $\frac{A(GDCE)}{A(ABC)}$ kaçtır?

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

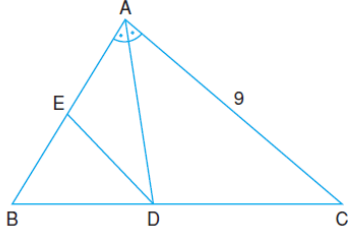
33)



ABC üçgeninde, $[EF] \parallel [DC]$, $[DE] \parallel [BC]$ dir. Verilenlere göre x kaç birimdir?

- A) $\frac{13}{2}$ B) 7 C) $\frac{15}{2}$ D) 8 E) 9

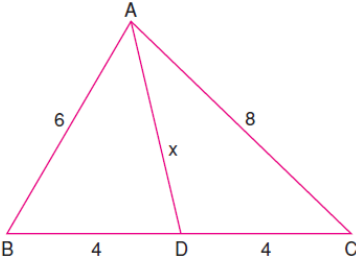
34)



ABC üçgeninde $[AD]$ açıortay, $[DE] \parallel [AC]$
 $|BE| = 2|DE|$, $|AC| = 9$ cm ise $|AE|$ kaç cm dir?

- A) 5 B) 6 C) $\frac{13}{2}$ D) 7 E) $\frac{15}{2}$

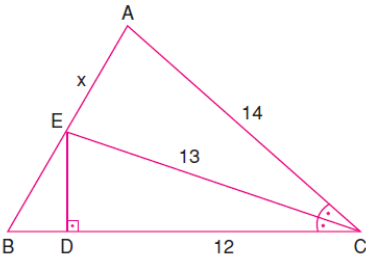
35)



ABC üçgeninde verilenlere göre $|AD| = x$ kaç birimdir?

- A) $4\sqrt{2}$ B) $\sqrt{34}$ C) 6 D) $2\sqrt{10}$ E) 7

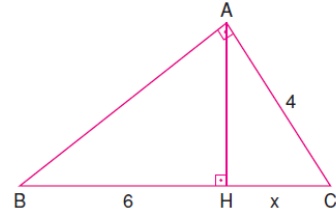
36)



ABC üçgeninde, $[CE]$ açıortay, $[ED] \perp [BC]$
 $|AC| = 14$ cm, $|EC| = 13$ cm, $|DC| = 12$ cm ise
 $|AE| = x$ kaç cm dir?

- A) $\sqrt{29}$ B) $4\sqrt{2}$ C) 6 D) 7 E) $5\sqrt{2}$

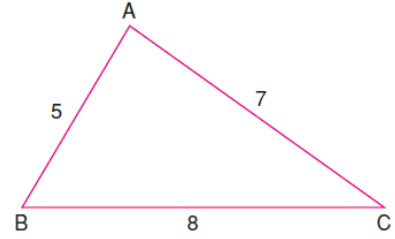
37)



ABC dik üçgeninde verilenlere göre x kaç birimdir?

- A) 1 B) $\frac{3}{2}$ C) 2 D) $\frac{5}{2}$ E) 3

38)



ABC üçgeninde, $|AB| = 5$ cm, $|AC| = 7$ cm
 $|BC| = 8$ cm ise $A(ABC)$ kaç cm^2 dir?

- A) $14\sqrt{3}$ B) $13\sqrt{3}$ C) $12\sqrt{3}$
D) $11\sqrt{3}$ E) $10\sqrt{3}$

39)

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ABC bir dik üçgen

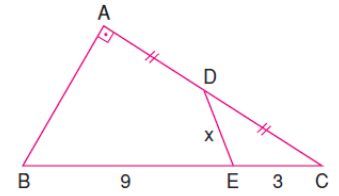
$BA \perp AC$

$|AD| = |DC|$

$|EC| = 3$ cm

$|BE| = 9$ cm

$|DE| = x$



Yukarıdaki verilenlere göre, x kaç cm dir?

- A) $\frac{7}{2}$ B) $\frac{10}{3}$ C) 2 D) 3 E) 4

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