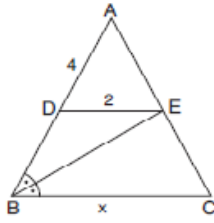


1)

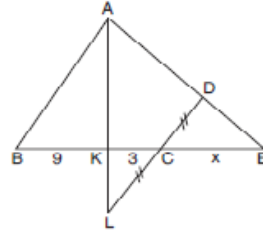


ABC bir üçgen
 $[DE] \parallel [BC]$
 $[BE]$ açıortay
 $|AD| = 4$ cm
 $|DE| = 2$ cm

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

- A) $\frac{5}{2}$ B) 3 C) $\frac{7}{2}$ D) 4 E) $\frac{9}{2}$

2)

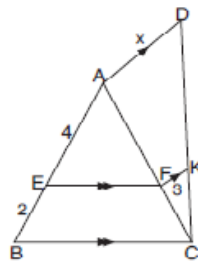


ABE ve ADL birer üçgen
 $[DL] \parallel [AB]$
 $|DC| = |CL|$
 $|BK| = 9$ cm
 $|KC| = 3$ cm
 $|CE| = x$

Yukarıdaki verilere göre, x kaç cm dir?

- A) 5 B) 6 C) 7 D) 8 E) 9

3)

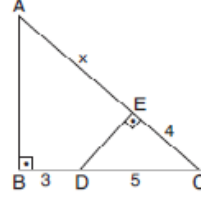


ABC ve ADC birer üçgen
 $[EF] \parallel [BC]$
 $[FK] \parallel [AD]$
 $|AE| = 4$ cm
 $|EB| = 2$ cm
 $|FK| = 3$ cm
 $|AD| = x$

Yukarıdaki verilere göre, x kaç cm dir?

- A) 6 B) 7 C) 8 D) 9 E) 10

4)

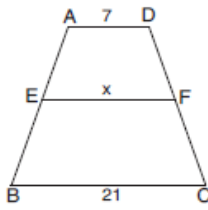


ABC bir üçgen
 $[AB] \perp [BC]$
 $[DE] \perp [AC]$
 $|EC| = 4$ cm
 $|DC| = 5$ cm
 $|BD| = 3$ cm
 $|AE| = x$

Yukarıdaki verilere göre, x kaç cm dir?

- A) 5 B) 6 C) 7 D) 8 E) 9

5)

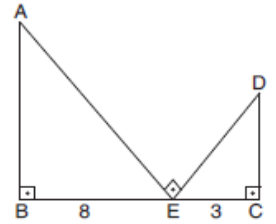


$[AD] \parallel [EF] \parallel [BC]$
 $3|EB| = 4|AE|$
 $|AD| = 7$ cm
 $|BC| = 21$ cm

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

- A) 11 B) 12 C) 13 D) 14 E) 15

6)

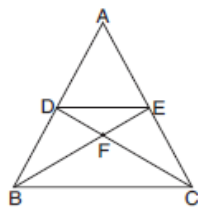


$[AB] \perp [BC]$
 $[DC] \perp [BC]$
 $[AE] \perp [ED]$
 $|AE| = 2|ED|$
 $|BE| = 8$ cm
 $|EC| = 3$ cm

Yukarıdaki verilere göre, $|AE| + |DE|$ toplamı kaç cm dir?

- A) 10 B) 12 C) 13 D) 15 E) 17

7)

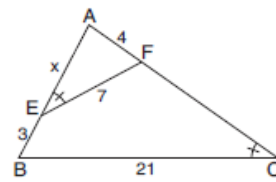


ABC bir üçgen
 $[DE] \parallel [BC]$
 $|BF| = 3|FE|$

Yukarıdaki verilere göre, $\frac{|AD|}{|DB|}$ oranı kaçtır?

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

8)

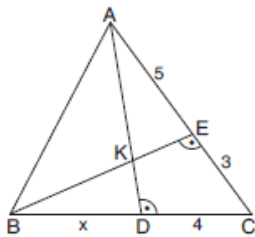


ABC bir üçgen
 $m(\widehat{AEF}) = m(\widehat{ACB})$
 $|BC| = 21$ cm
 $|EF| = 7$ cm
 $|AF| = 4$ cm
 $|EB| = 3$ cm
 $|AE| = x$

Yukarıdaki verilere göre, x kaç cm dir?

- A) 5 B) 6 C) 7 D) 8 E) 9

9)

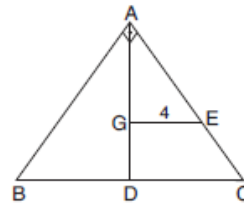


ABC bir üçgen
 $[BE] \cap [AD] = \{K\}$
 $m(\widehat{ADC}) = m(\widehat{BEC})$
 $|AE| = 5$ cm
 $|DC| = 4$ cm
 $|EC| = 3$ cm
 $|BD| = x$

Yukarıdaki verilere göre, x kaç cm dir?

- A) 1 B) 2 C) 3 D) 4 E) 5

10)

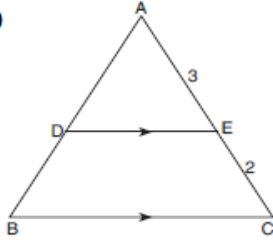


ABC bir üçgen
 $[BA] \perp [AC]$
 G kenarortayların kesim noktası
 $[GE] \parallel [BC]$
 $|GE| = 4$ cm

Yukarıdaki verilere göre, $|AD|$ uzunluğu kaç cm dir?

- A) 4 B) 5 C) 6 D) 8 E) 12

11)

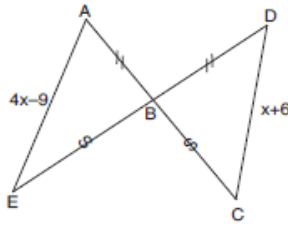


ABC bir üçgen
 $[DE] \parallel [BC]$
 $|AE| = 3$ birim
 $|EC| = 2$ birim

Yukarıdaki verilere göre, $\frac{\text{Alan (ADE)}}{\text{Alan (BCED)}}$ oranı kaçtır?

- A) $\frac{9}{16}$ B) $\frac{11}{19}$ C) $\frac{13}{24}$ D) $\frac{15}{27}$ E) $\frac{17}{29}$

13)

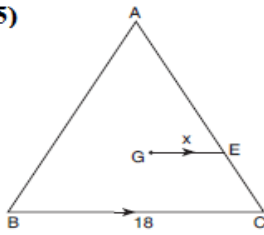


ABE ve DBC birer
 üçgen
 $[AC] \cap [ED] = \{B\}$
 $|AB| = |BD|$
 $|EB| = |BC|$
 $|AE| = (4x - 9)$ birim
 $|DC| = (x + 6)$ birim

Yukarıdaki verilere göre, x kaç birimdir?

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

15)

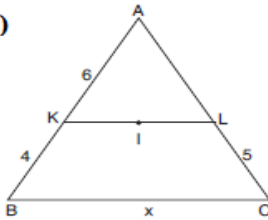


G; ABC üçgensel bölge-
 sinin ağırlık merkezi
 $[GE] \parallel [BC]$
 $|BC| = 18$ cm
 $|GE| = x$

Yukarıdaki verilere göre, x kaç cm dir?

- A) 6 B) $\frac{11}{2}$ C) 5 D) $\frac{9}{2}$ E) 4

17)

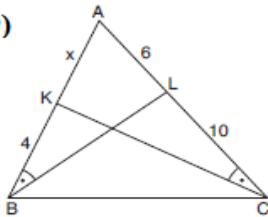


I, ABC üçgeninin
 iç teğet çemberinin
 merkezi
 $|AK| = 6$ cm
 $|BK| = 4$ cm
 $|LC| = 5$ cm
 $|BC| = x$

Yukarıdaki verilere göre, x kaç cm dir?

- A) 11 B) 13 C) 15 D) 17 E) 19

19)

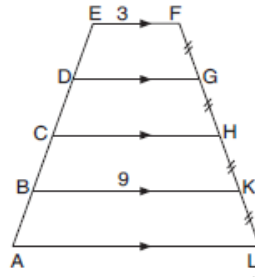


ABC bir üçgen
 $m(\widehat{ABL}) = m(\widehat{ACK})$
 $|AL| = 6$ cm
 $|LC| = 10$ cm
 $|BK| = 4$ cm
 $|AK| = x$

Yukarıdaki verilere göre, x kaç cm dir?

- A) 3 B) 4 C) 5 D) 7 E) 8

12)

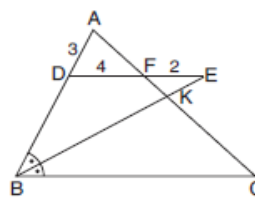


$[EF] \parallel [DG] \parallel [CH] \parallel [BK] \parallel [AL]$
 $|FGI| = |GHI| = |HKL| = |KLI|$
 $|FEI| = 3$ cm
 $|BKI| = 9$ cm

Yukarıdaki verilere göre, $\frac{|DG| + |AL|}{|CH|}$ oranı kaçtır?

- A) $\frac{16}{7}$ B) $\frac{17}{7}$ C) $\frac{18}{7}$ D) $\frac{19}{7}$ E) 3

14)

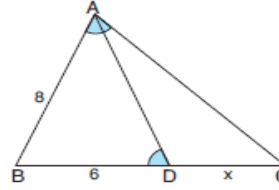


ABC bir üçgen
 $[BE]$ açıortay
 $[DE] \parallel [BC]$
 $|AD| = 3$ cm
 $|DFI| = 4$ cm
 $|FEI| = 2$ cm

Yukarıdaki verilere göre, $\frac{|AF|}{|KC|}$ oranı kaçtır?

- A) $\frac{1}{3}$ B) $\frac{5}{12}$ C) $\frac{1}{2}$ D) $\frac{7}{12}$ E) $\frac{2}{3}$

16)

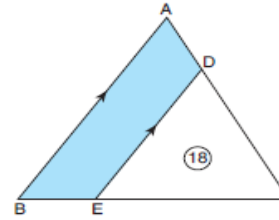


ABC bir üçgen
 $m(\widehat{BAC}) = m(\widehat{ADB})$
 $|AB| = 8$ cm
 $|BD| = 6$ cm
 $|DC| = x$

Yukarıdaki verilere göre, x kaç cm dir?

- A) $\frac{14}{3}$ B) 5 C) $\frac{17}{3}$ D) 6 E) $\frac{19}{3}$

18)

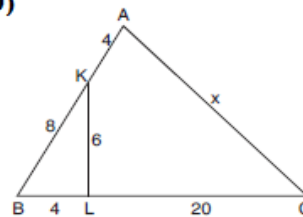


ABC bir üçgen
 $[DE] \parallel [AB]$
 $|EC| = 3|BE|$
 $\text{Alan(DEC)} = 18$ cm²

Yukarıdaki verilere göre, Alan(ABED) kaç cm² dir?

- A) 8 B) 10 C) 12 D) 14 E) 16

20)



ABC bir üçgen
 $|AK| = |BL| = 4$ cm
 $|BK| = 8$ cm
 $|KLI| = 6$ cm
 $|LCI| = 20$ cm
 $|ACI| = x$

Yukarıdaki verilere göre, x kaç cm dir?

- A) 12 B) 14 C) 16 D) 18 E) 20