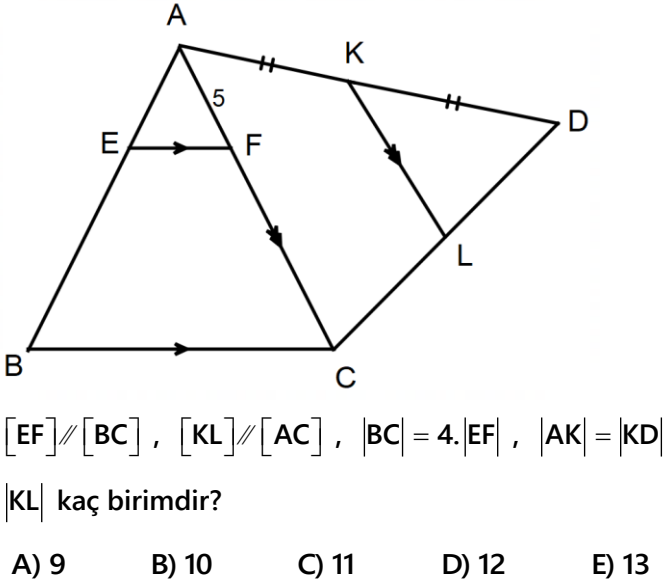
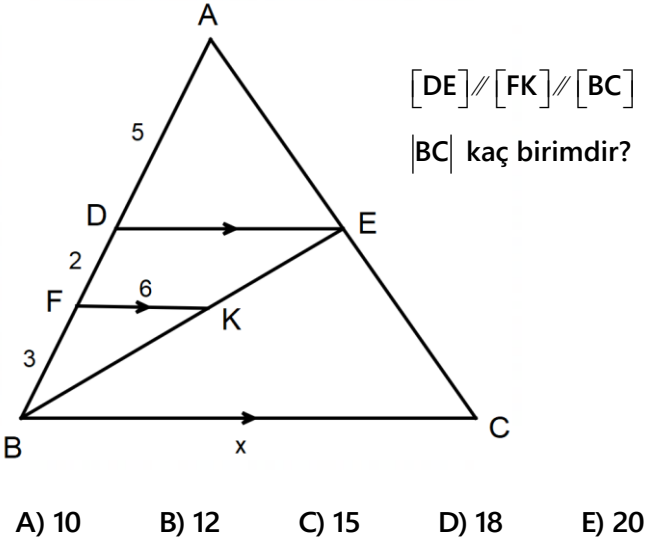




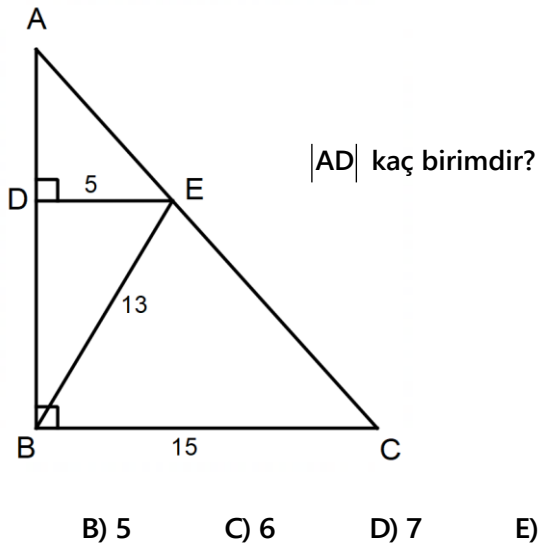
1.



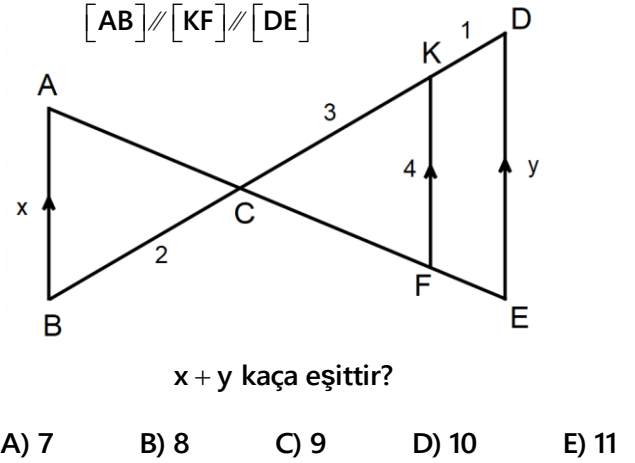
2.



3.



4.



5. $[AD] \parallel [BC]$

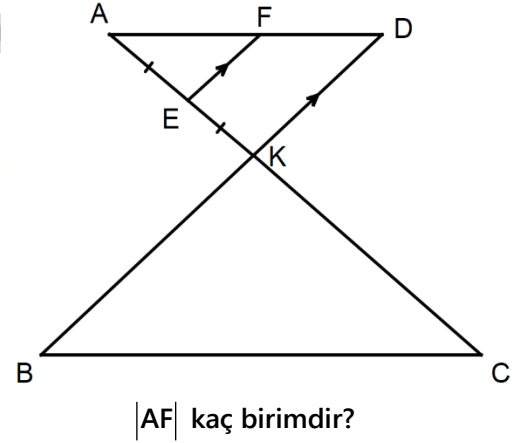
$[EF] \parallel [KD]$

$|AE| = |EK|$

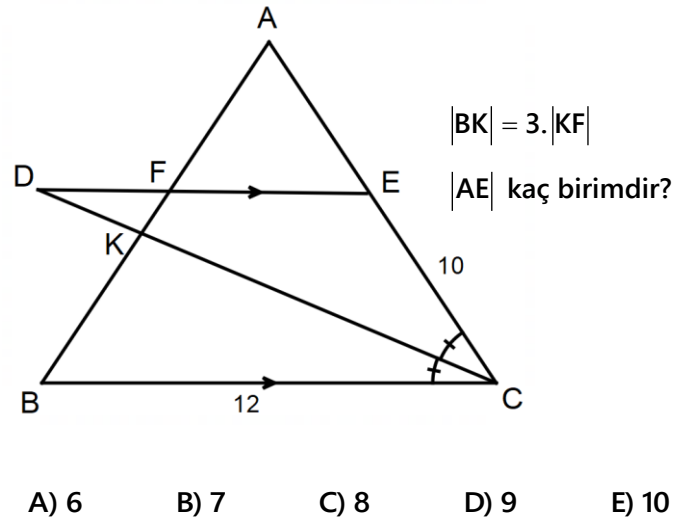
$|EF| = \frac{3}{2}$ br

$|BK| = 6$ br

$|BC| = 8$ br



6.



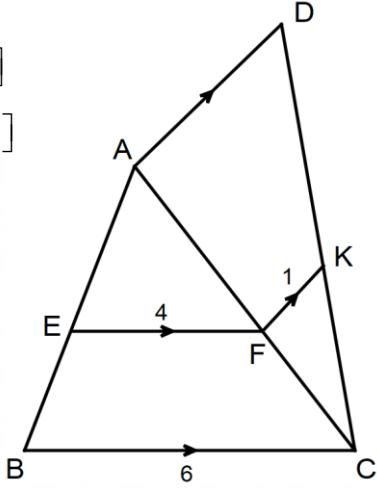


7.

$$[EF] \parallel [BC]$$

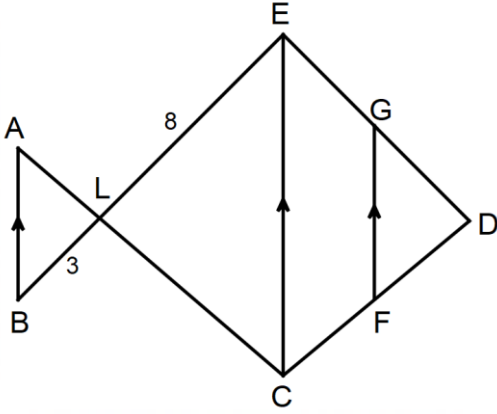
$$[AD] \parallel [FK]$$

$$|AD| = ?$$



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

8.



$$[AB] \parallel [EC] \parallel [GF], \quad \frac{|AB|}{|GF|} = \frac{6}{7}, \quad \frac{|EG|}{|GD|} \text{ kaç eştir?}$$

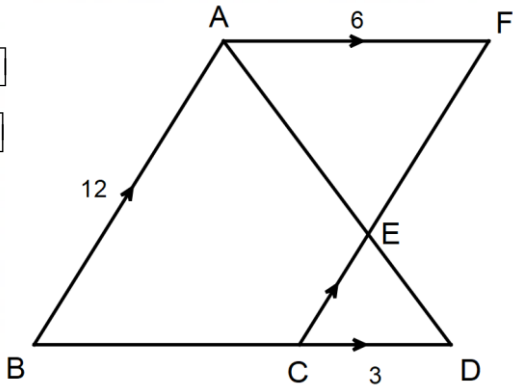
- A) $\frac{1}{5}$ B) 1 C) $\frac{5}{3}$ D) $\frac{7}{5}$ E) $\frac{9}{7}$

9.

$$[AF] \parallel [BD]$$

$$[AB] \parallel [FC]$$

$$|CE| = ?$$

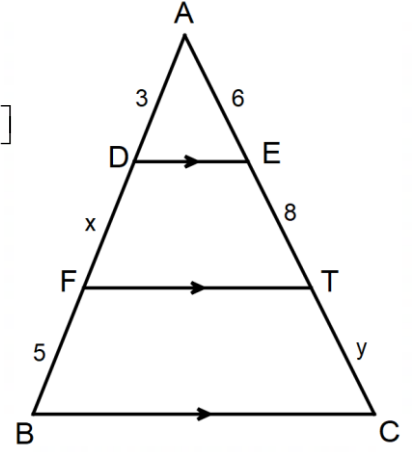


- A) 4 B) 5 C) 6 D) 7 E) 8

10.

$$[DE] \parallel [FT] \parallel [BC]$$

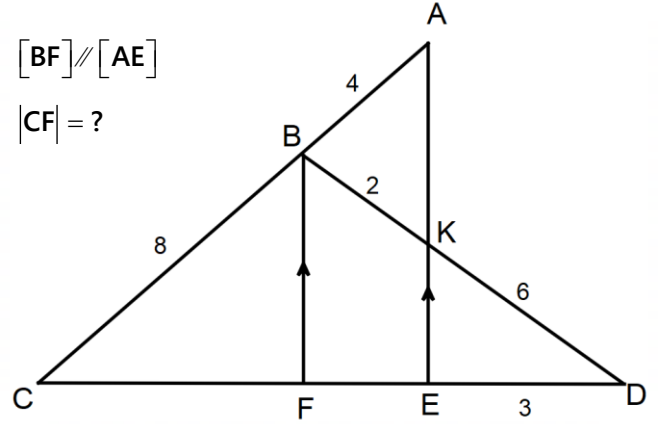
$$x + y = ?$$



- A) 10 B) 11 C) 12 D) 13 E) 14

$$[BF] \parallel [AE]$$

$$|CF| = ?$$



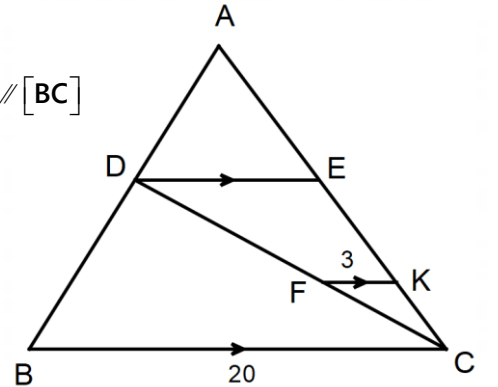
- A) 1 B) 2 C) 3 D) 4 E) 5

12.

$$[DE] \parallel [FK] \parallel [BC]$$

$$\frac{|EK|}{|KC|} = 3$$

$$\frac{|AE|}{|KC|} = ?$$



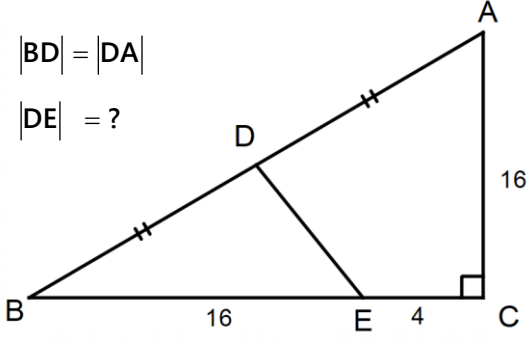
- A) $\frac{5}{2}$ B) $\frac{7}{2}$ C) $\frac{9}{2}$ D) 5 E) 6



13.

$|BD| = |DA|$

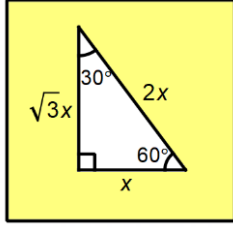
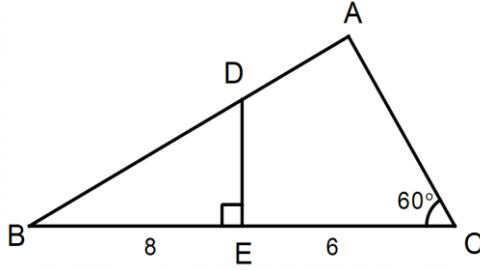
$|DE| = ?$



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

14.

Hatırlatma :

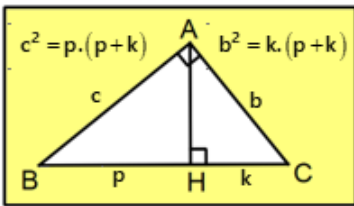


$|BD| = 2 \cdot |AD|$, $|AC| = ?$

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

15.

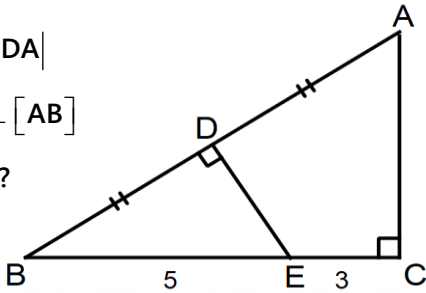
Hatırlatma :



$|BD| = |DA|$

$[DE] \perp [AB]$

$|AB| = ?$

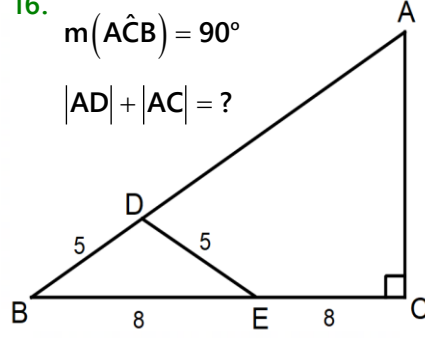


- A) 4 B) $2\sqrt{5}$ C) $2\sqrt{6}$ D) $2\sqrt{10}$ E) $4\sqrt{5}$

16.

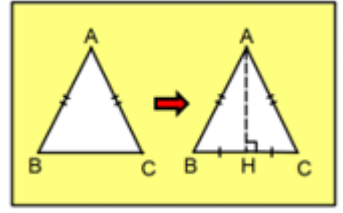
$m(\hat{ACB}) = 90^\circ$

$|AD| + |AC| = ?$



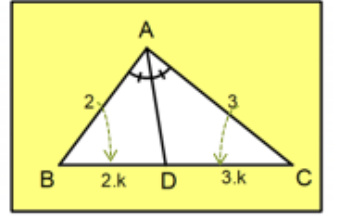
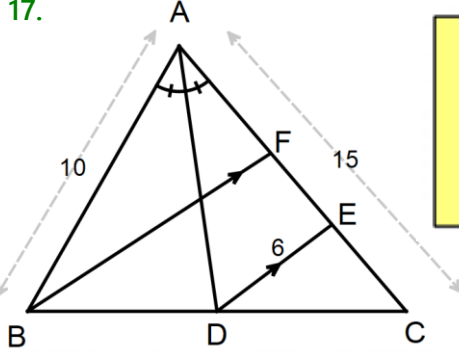
- A) 18 B) 21 C) 24 D) 25 E) 27

Hatırlatma :



17.

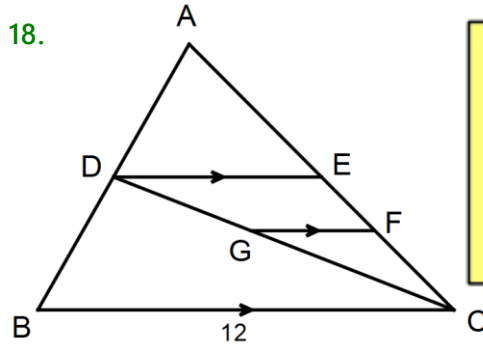
Hatırlatma :

ABC üçgeninde $[AD]$ açıortay, $[BF] \parallel [DE]$, $|BF| = ?$

- A) 9 B) 10 C) 12 D) 14 E) 15

18.

Hatırlatma :

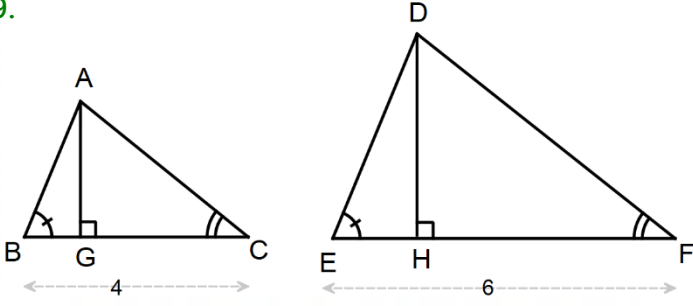
ABC üçgeninde G ağırlık merkezi, $[DE] \parallel [GF] \parallel [BC]$

$|GF| = ?$

- A) 1 B) 2 C) 3 D) 4 E) 6



19.



$$m(\hat{A}BC) = m(\hat{D}EF), \quad m(\hat{A}CB) = m(\hat{D}FE)$$

$$|BC| = 4 \text{ br}, \quad |EF| = 6 \text{ br}, \quad |AG| = 3x - 1, \quad |DH| = x + 2$$

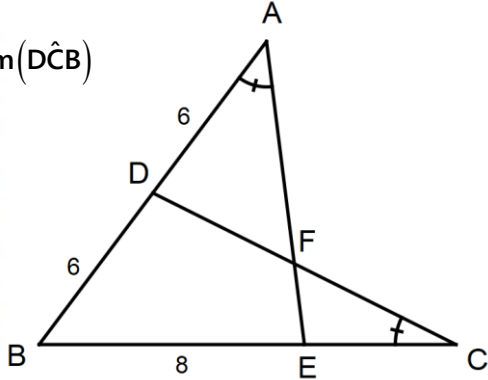
$$|AG| = ?$$

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

20.

$$m(\hat{B}AE) = m(\hat{D}CB)$$

$$|EC| = ?$$



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

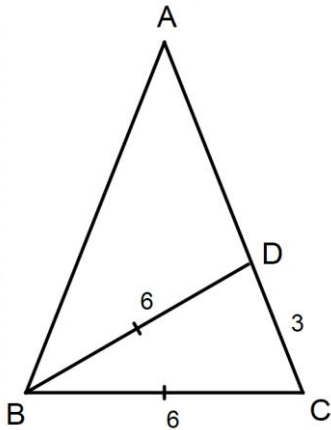
21.

$$|AB| = |BC|$$

$$|BD| = |BC| = 6 \text{ br}$$

$$|DC| = 3 \text{ br}$$

$$|AD| = ?$$

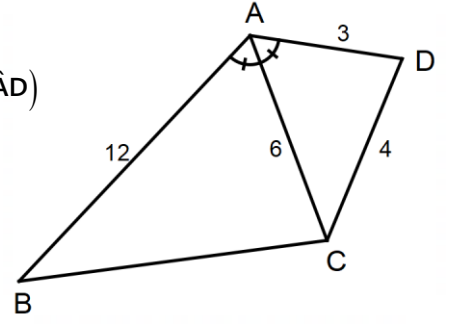


- A) 5 B) 6 C) 7 D) 8 E) 9

22.

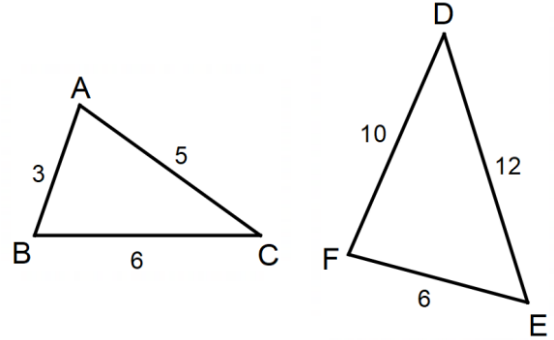
$$m(\hat{B}AC) = m(\hat{C}AD)$$

$$|BC| = ?$$



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

23.



ABC ve DEF üçgenleri için aşağıdakilerden hangisi veya hangileri doğrudur?

I) $m(\hat{B}) = m(\hat{F})$

II) $m(\hat{C}) = m(\hat{D})$

III) $m(\hat{A}) = 90^\circ$

- A) I B) II C) III D) I, III E) II, III

24.

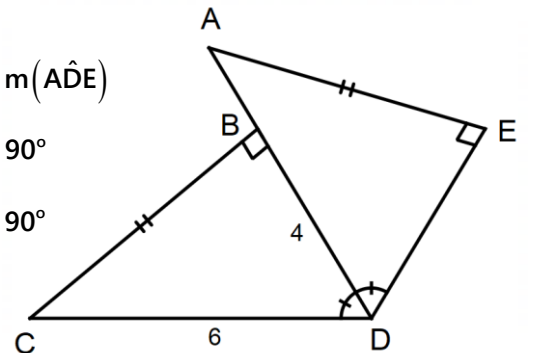
$$|AE| = |BC|$$

$$m(\hat{C}DB) = m(\hat{A}DE)$$

$$m(\hat{C}BD) = 90^\circ$$

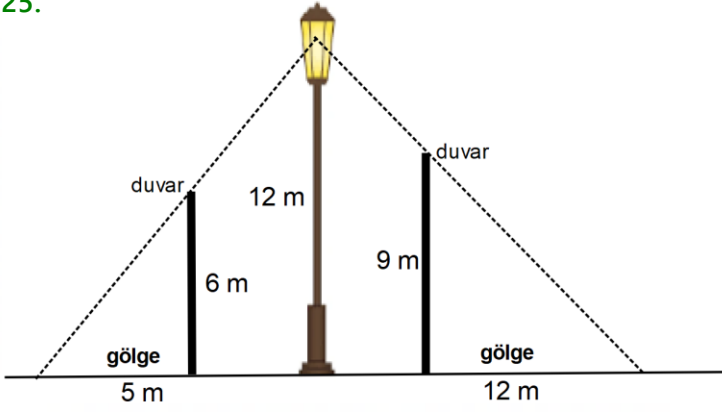
$$m(\hat{A}ED) = 90^\circ$$

$$|AB| = ?$$



- A) 1 B) 2 C) 3 D) 4 E) 6

25.

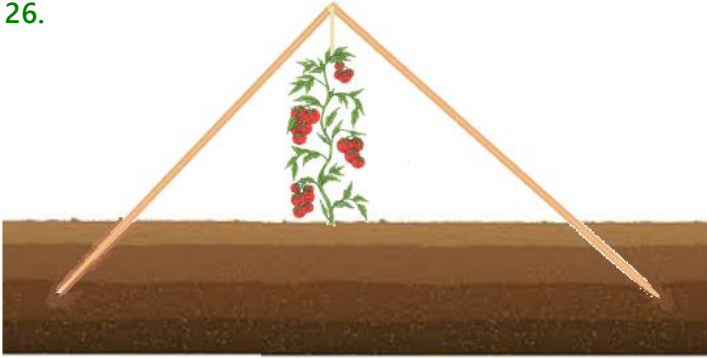


İki dik duvarın arasındaki 12 metre boyundaki bir sokak lambası yanık iken soldaki 6 metrelik duvarın arkasında 5 metrelik gölge, sağdaki 9 metrelik duvarın arkasında 12 metrelik bir gölge oluşuyor.

Buna göre sokak lambasının iki duvardan uzaklıkları toplamı kaç metredir?

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

26.



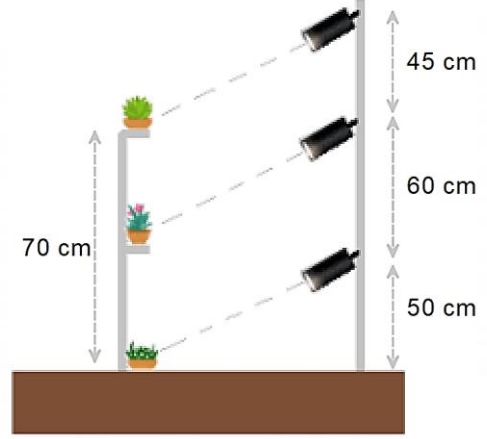
İki eş tahta sopa toprağa aynı açılarla saplanmış ve yukarıdaki birleşme noktalarından 15 cm lik bir ip sarkıtılıp domates fidesi en üst tarafından bağlanarak fidenin dikine uzaması desteklenmiştir.

- * Domates fidesinin boyu 75 cm dir.
- * Tahta sopaların ucu toprakta 30 cm derine saplanmışdır.
- * İki tahtanın toplam boyu 3 metredir.

Buna göre tahtaların her birinin toprak altında kalan bölümleri kaç cm uzunluğundadır?

- A) 37,5 B) 42,5 C) 50 D) 60 E) 70

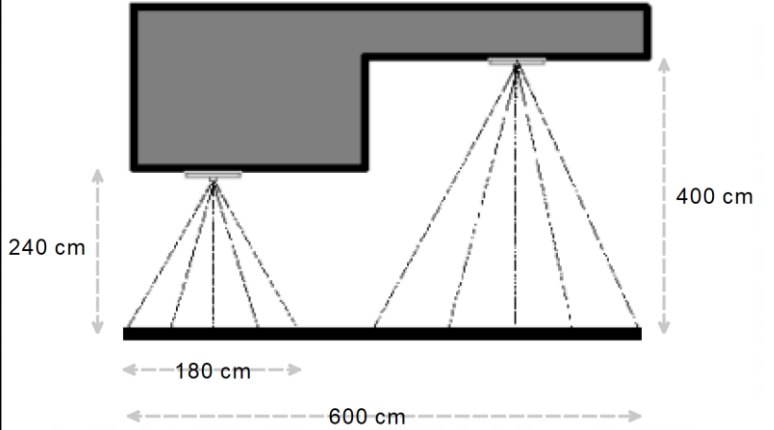
27.



70 cm yükseklikteki soldaki duvarın üstünde belli noktalarda monte edilmiş rafların üstündeki çiçekler sağ taraftaki duvara paralel olarak monte edilmiş spot ışıklarla aydınlatılmaktadır.

Soldaki duvardaki en alttaki çiçek ortadaki çiçekten kaç cm aşağıdadır?

- A) 30 B) 35 C) 40 D) 45 E) 50



Farklı yükseklikte tavanları olan odanın tavanlarındaki yangın musluklarından çıkan su iki muslukta da eşit açı yaparak dağılıp çıkıyordur. Bu musluklardan çıkan suların zeminde düştüğü yerler şekilde gösterilmiştir.

Buna göre 6 metre genişliğindeki zeminde suyun isabet etmediği zeminin genişliği kaç cm dir?

- A) 75 B) 90 C) 100 D) 120 E) 135