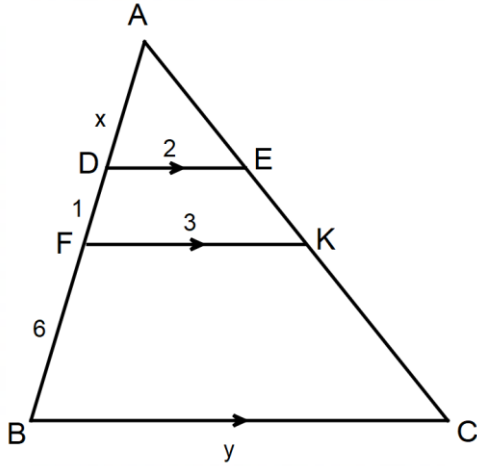




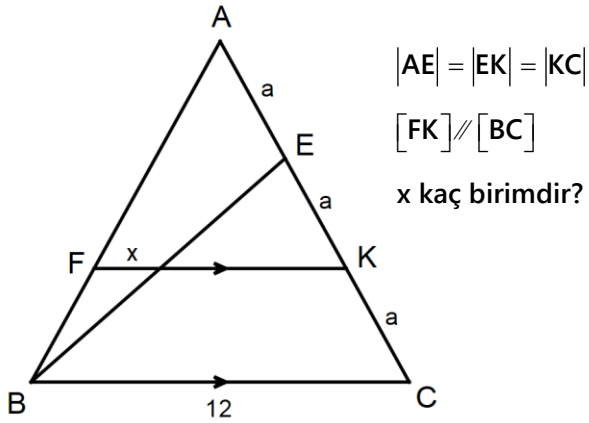
1.



$[DE] \parallel [FK] \parallel [BC]$ ise $x+y$ kaç birimdir?

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

2.



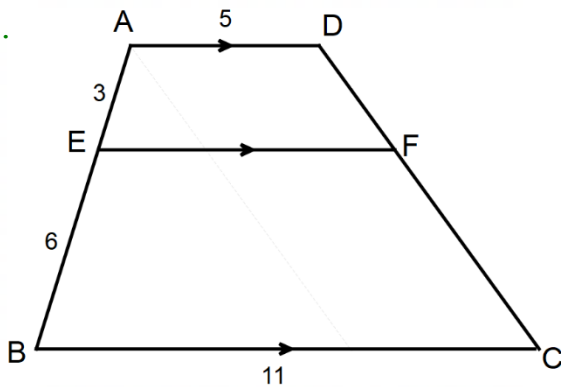
$$|AE| = |EK| = |KC|$$

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

x kaç birimdir?

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

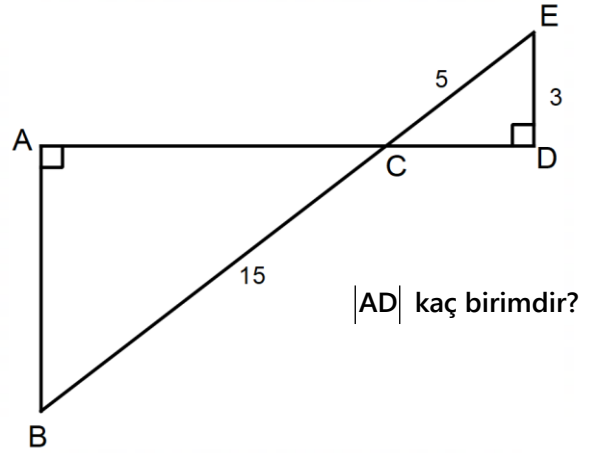
3.



$|EF|$ kaç birimdir?

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

4.



$|AD|$ kaç birimdir?

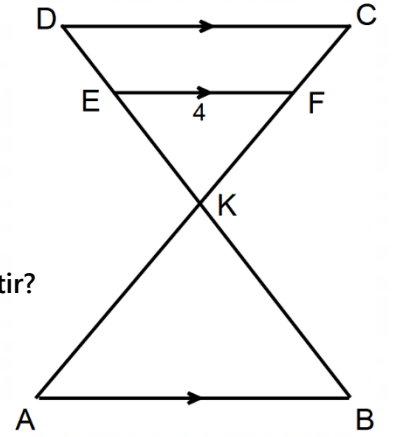
- A) 12 B) 13 C) 14 D) 15 E) 16

5.

$$\frac{|CF|}{|FK|} = \frac{1}{2}$$

$$\frac{|CF|}{|KA|} = \frac{1}{3}$$

$|AB| + |DC|$ kaç eşittir?



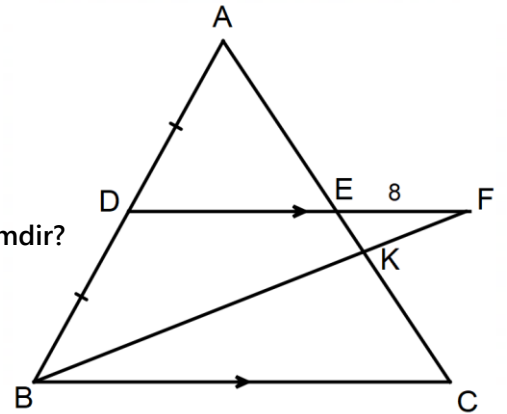
- A) 8 B) 10 C) 12 D) 14 E) 15

6.

$$\frac{|EK|}{|KC|} = \frac{1}{3}$$

$$|AD| = |DB|$$

$|DE|$ kaç birimdir?



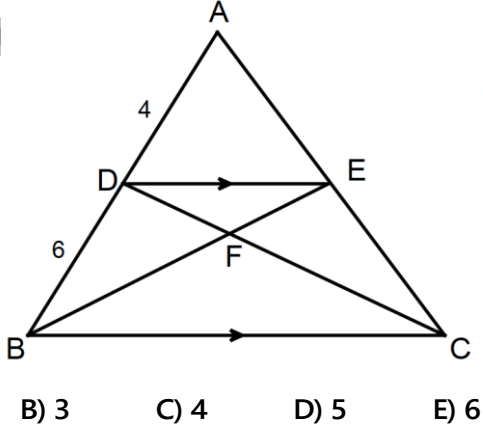
- A) 12 B) 13 C) 14 D) 15 E) 16



7. $[DE] \parallel [BC]$

$|DC| = 7$

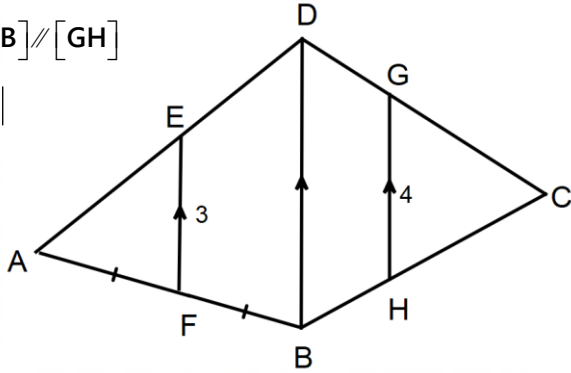
$|DF| = ?$



8. $[EF] \parallel [DB] \parallel [GH]$

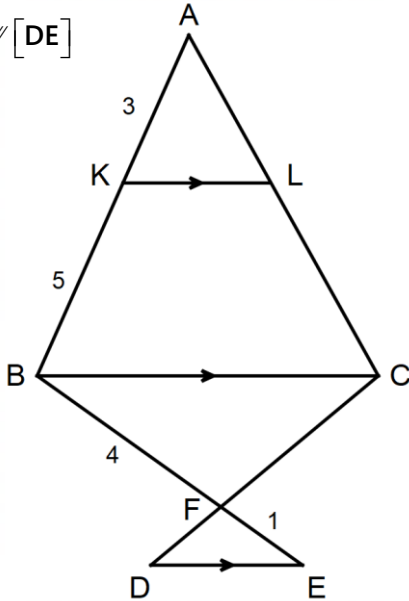
$|AF| = |FB|$

$\frac{|BH|}{|HC|} = ?$



9. $[KL] \parallel [BC] \parallel [DE]$

$\frac{|KL|}{|DE|} = ?$

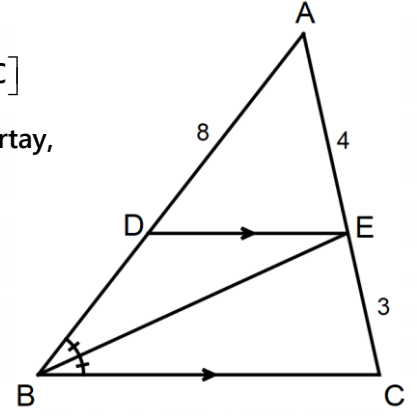


10.

$[DE] \parallel [BC]$

$[BE]$ açkırtay,

$|DE| = ?$

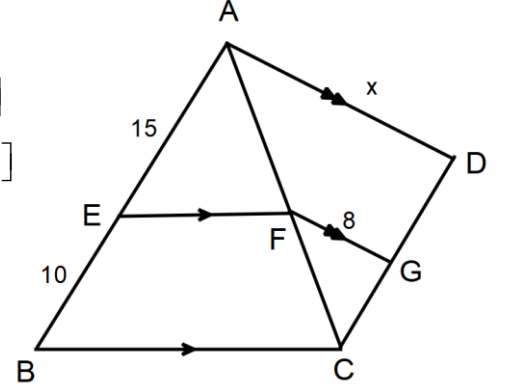


11.

$[EF] \parallel [BC]$

$[FG] \parallel [AD]$

$x = ?$



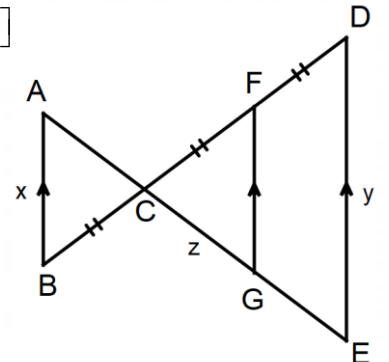
12. $[AB] \parallel [FG] \parallel [DE]$

$|BC| = |CF| = |FD|$

$|CE| = 8$ br

$|FG| = 3$ br

$x + y + z = ?$

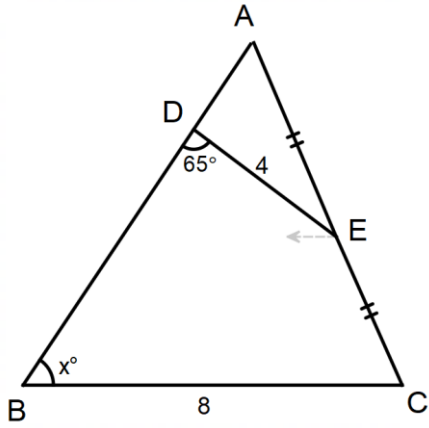




13. $|AE| = |EC|$

$m(\widehat{BDE}) = 65^\circ$

$m(\widehat{ABC}) = ?$

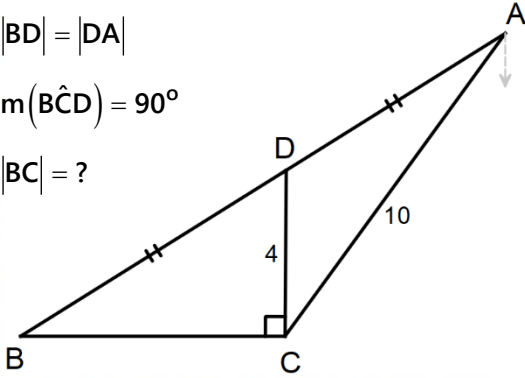


- A) 22,5 B) 32,5 C) 50 D) 65 E) 70

14. $|BD| = |DA|$

$m(\widehat{BCD}) = 90^\circ$

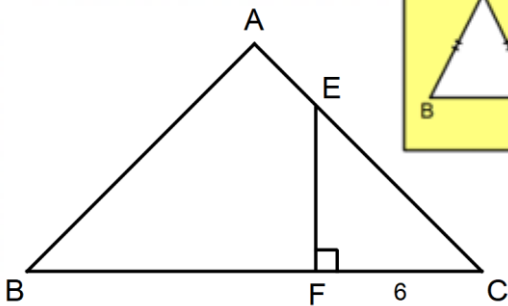
$|BC| = ?$



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

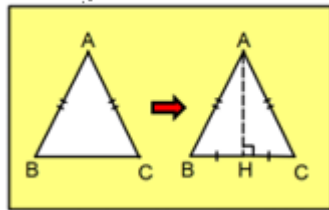
Hatırlatma :

15.

ABC ikizkenar üçgen, $|AB| = |AC|$, $|EC| = 3 \cdot |AE|$

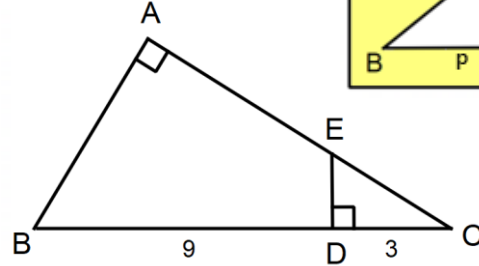
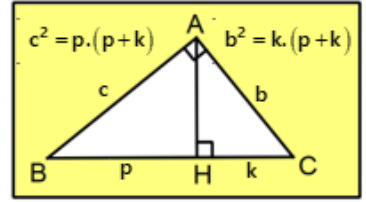
$|BF| = ?$

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



16.

Hatırlatma :

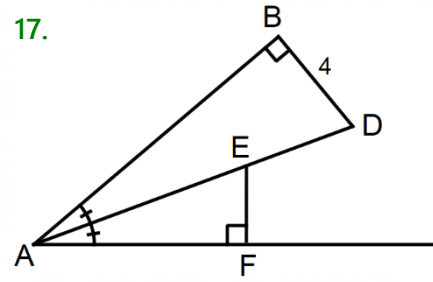
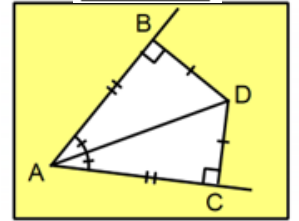


$|AE| = 2 \cdot |EC|$, $|AB| = ?$

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

17.

Hatırlatma :

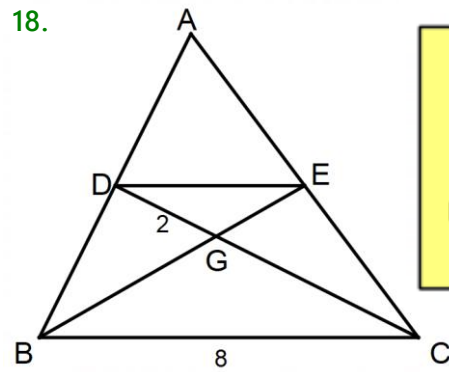


$[AD]$ açıortay, $|AE| = 2 \cdot |ED|$, $|EF| = ?$

- A)
- $\frac{7}{4}$
- B)
- $\frac{8}{3}$
- C) 3 D)
- $\frac{9}{2}$
- E) 5

18.

Hatırlatma :



ABC üçgeninde G ağırlık merkezi, $|DE| + |GC| = ?$

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

Daha fazla test ve konu anlatımı için matematikchi.net

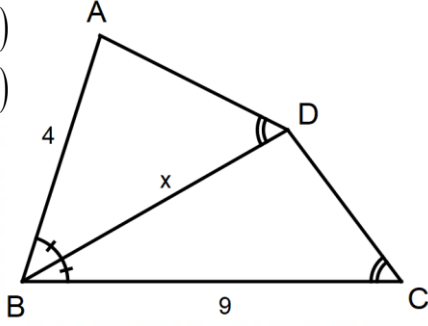


19.

$$m(\widehat{ABD}) = m(\widehat{DBC})$$

$$m(\widehat{ADB}) = m(\widehat{DCB})$$

$$|BD| = ?$$

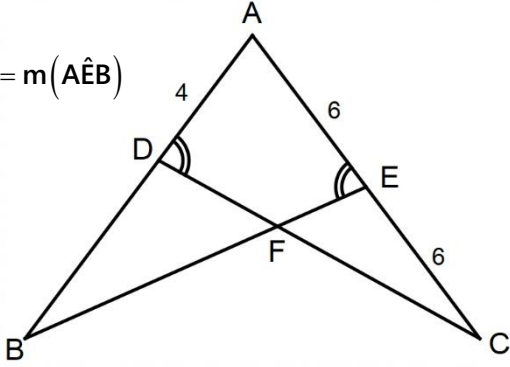


- A) 4 B) 5 C) 6 D) 7 E) 8

20.

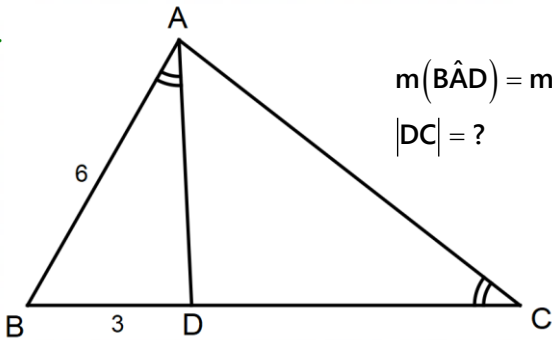
$$m(\widehat{ADC}) = m(\widehat{AEB})$$

$$|BD| = ?$$



- A) 9 B) 10 C) 12 D) 14 E) 16

21.



$$m(\widehat{BAD}) = m(\widehat{BCA})$$

$$|DC| = ?$$

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

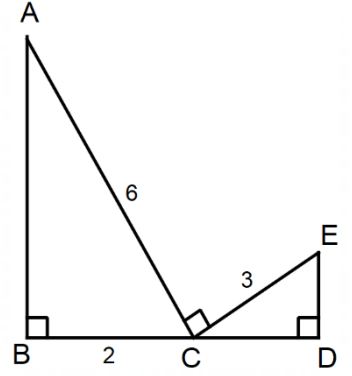
22.

$$m(\widehat{ABD}) = 90^\circ$$

$$m(\widehat{ACE}) = 90^\circ$$

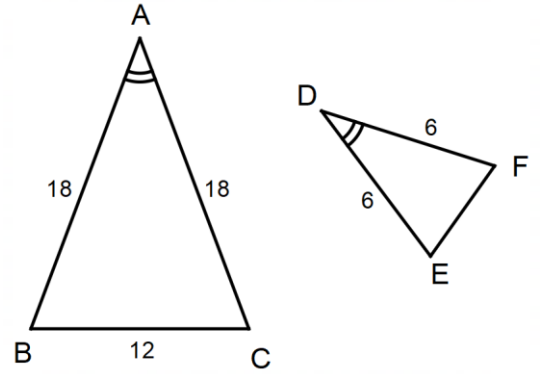
$$m(\widehat{BDE}) = 90^\circ$$

$$|CD| = ?$$



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

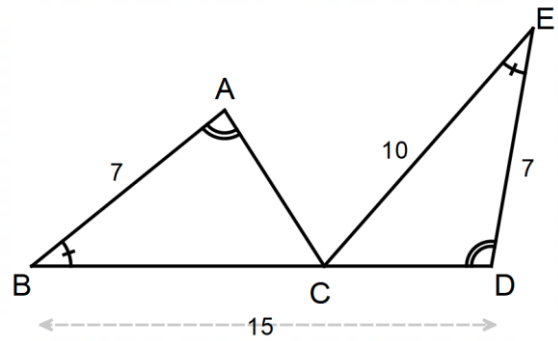
23.



$$m(\widehat{BAC}) = m(\widehat{EDF}), \quad |EF| = ?$$

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

24.



$$m(\widehat{BAC}) = m(\widehat{CDE}), \quad m(\widehat{ABC}) = m(\widehat{CED})$$

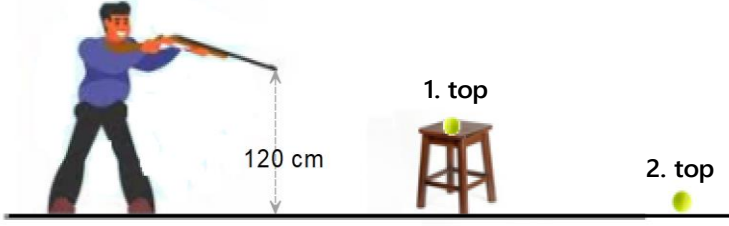
$$|BD| = 15 \text{ br}$$

$$|AC| = ?$$

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



25.



Ahmet tüfeği ile bir taburenin üstündeki topa nişan alıp ateş edecektir.

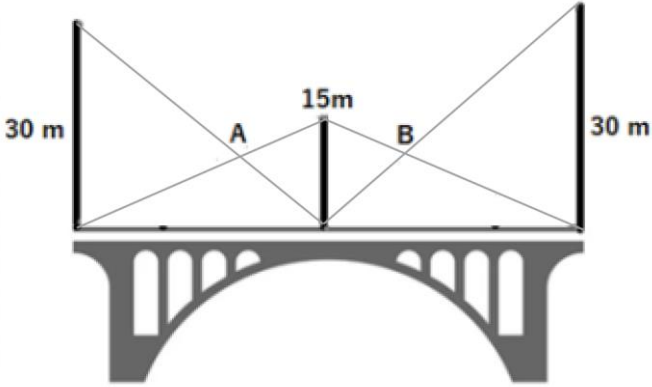
Tüfeğin ucu yerden 120 cm, taburenin üstündeki top ise yerden 80 cm yüksektedir.

Ateş ettiğinde mermi taburenin üstündeki 1. topu delip geçerek ileride yerde duran 2. topa saplanıyor.

Tüfeğin ucu ilk toptan 70 cm uzakta ise iki top arası mesafe kaç cm dir?

- A) 35 B) 70 C) 140 D) 210 E) 280

26.

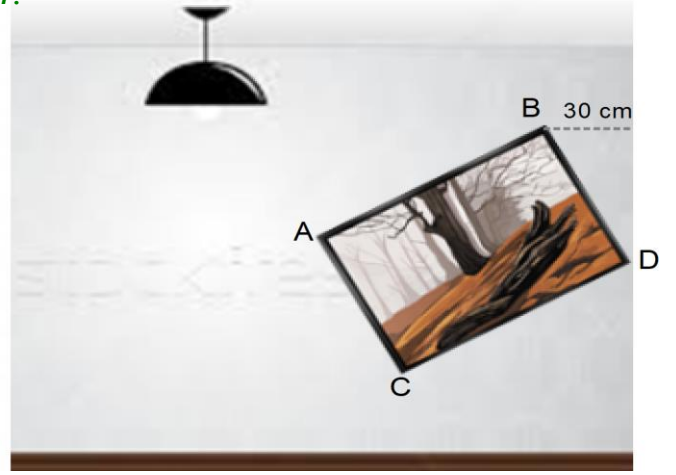


Yukarıdaki köprü köşelerdeki iki adet 30 metre ve tam ortalarındaki bir adet 15 metre direk ve bu direklere çapraz olarak bağlanmış çelik tellerle güçlendirilmiştir.

Kullanılan çelik tellerin toplam uzunluğu 180 metre ise A ve B bağlantı noktaları arasındaki çelik teller toplam kaç metre uzunluğundadır?

- A) 30 B) 40 C) 50 D) 60 E) 70

27.

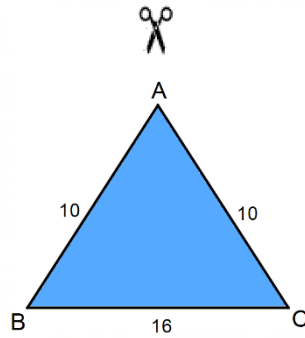


A ve B köşelerinden duvara asılmış olan boyutları 50 cm ve 100 cm olan dikdörtgen şeklindeki tablo A köşesindeki bağlantı yerinden kurtularak yukarıda görüldüğü gibi B köşesinden bağlı olarak asılı kalıyor. B köşesinin yan duvara uzaklığı 30 cm ise D köşesi duvara dayanmış olan bu tablonun C köşesinin aynı yan duvara mesafesi kaç cm dir?

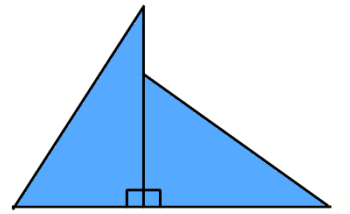
- A) 40 B) 50 C) 60 D) 70 E) 80

28.

Şekil 1



Şekil 2



Şekil 1 deki ABC üçgeni eş iki eş üçgen oluşacak şekilde A köşesinden doğrusal bir yol takip edilerek kesiliyor.

Oluşan iki eş üçgen şekil 2 deki gibi birbirine yapıştırıldığında ortaya çıkan şeklin çevresi kaç birim olur?

- A) 32 B) 36 C) 40 D) 42 E) 48