

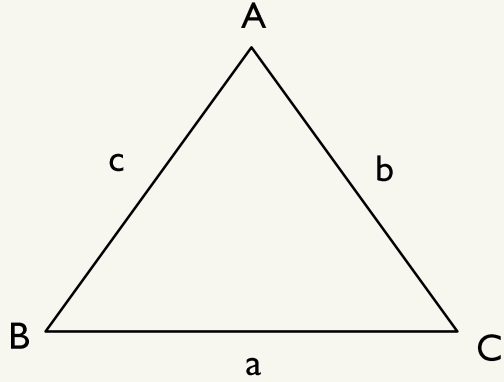
dersdeo

öğrenmenin en kolay yolu ol!

GEOMETRİ

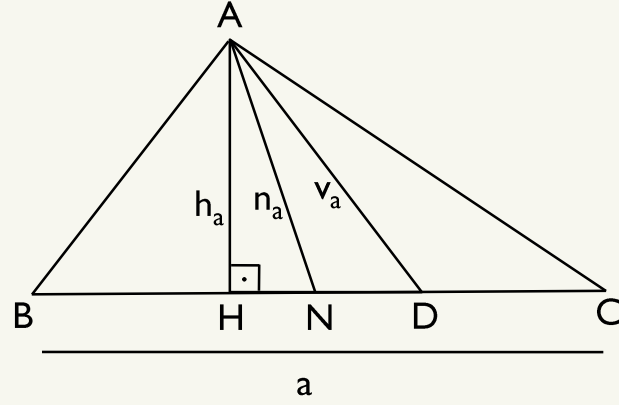
ÜÇGENLER

ÜÇGENDE AÇI – KENAR BAĞINTILARI

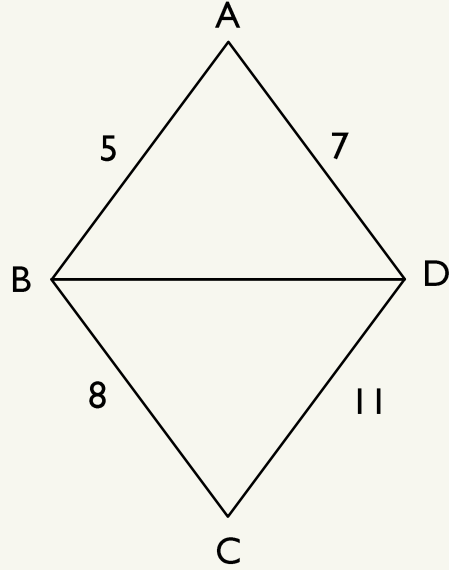


$$\hat{A} > \hat{B} > \hat{C}$$

Üçgen eşitsizliği

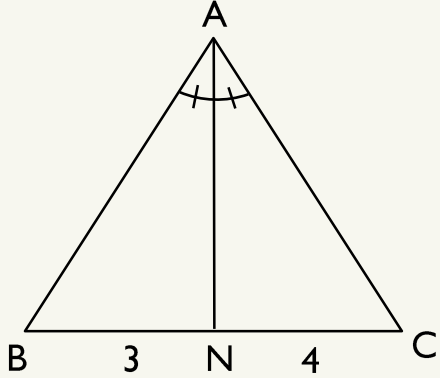


ÖRNEK



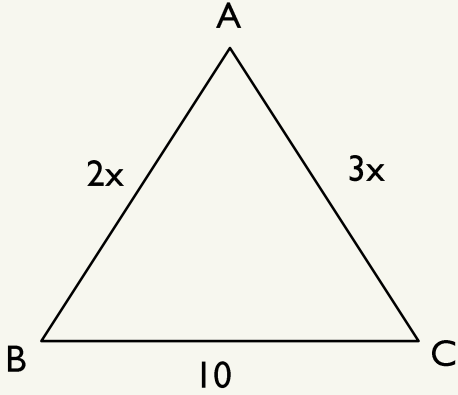
IBDI nin alabileceği kaç farklı tam sayı değeri vardır?

ÖRNEK



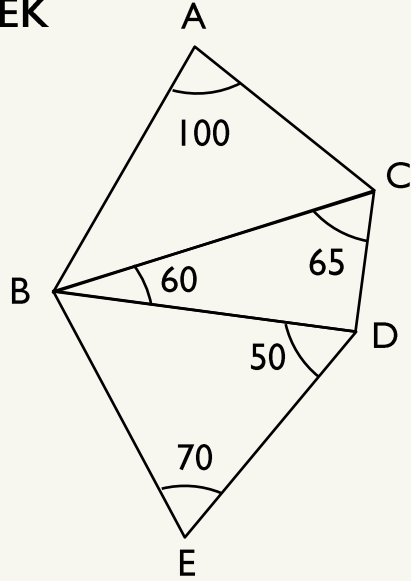
Kenarları tam sayı olan $\triangle ABC$ üçgeni için $\angle(ABC)$ 'nin en büyük tam sayı değeri kaçtır?

ÖRNEK



$\triangle$
ABC nin çevresinin en büyük tam sayı değeri kaçtır?

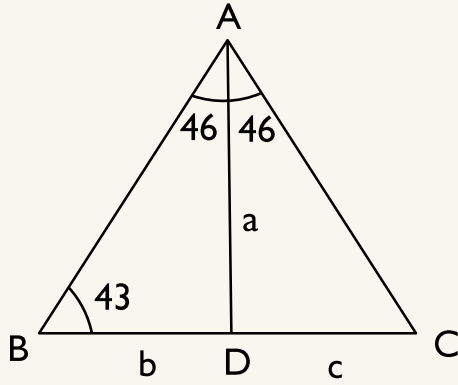
ÖRNEK



En uzun kenar hangisidir?

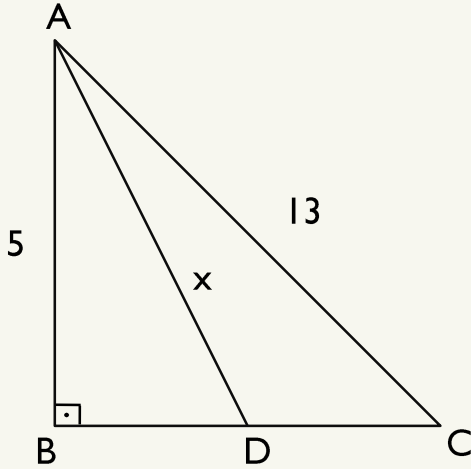
ÖRNEK

a, b, c 'nin sıralaması nedir?



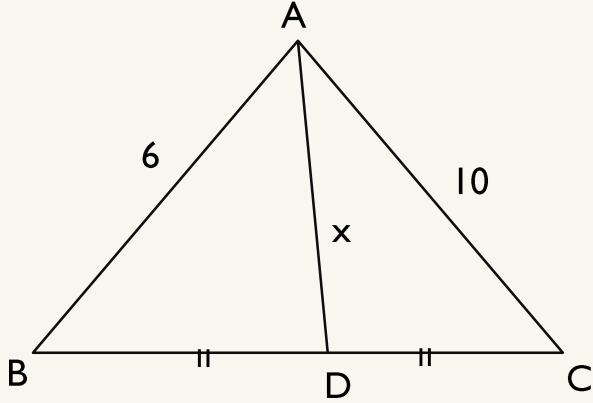
ÖRNEK

$D \in [BC)$ ise, x kaç farklı tam sayı değeri alır?



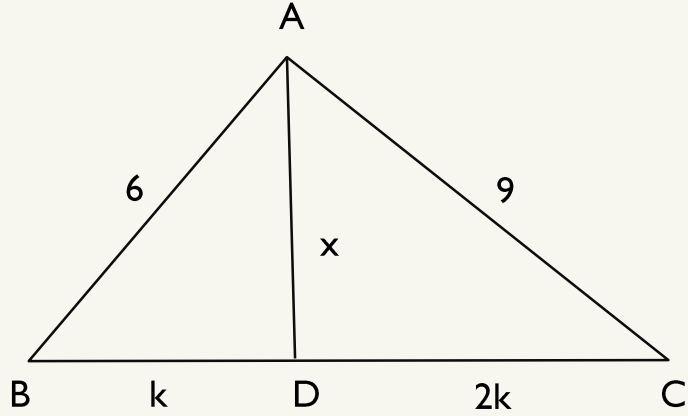
ÖRNEK

x kaç farklı tam sayı değeri alır?

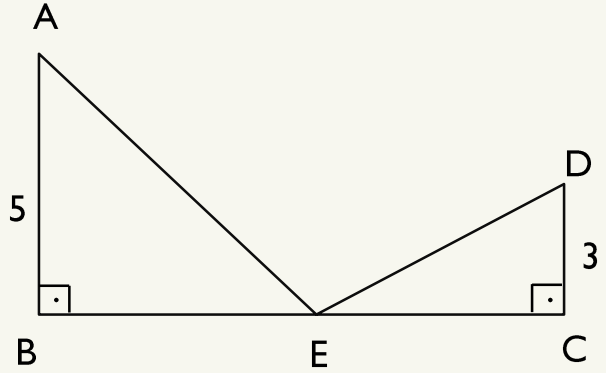


ÖRNEK

x kaç farklı tam sayı değeri alır?



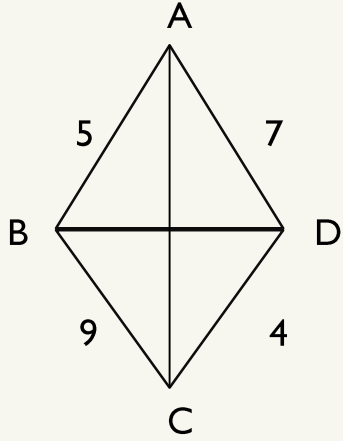
ÖRNEK



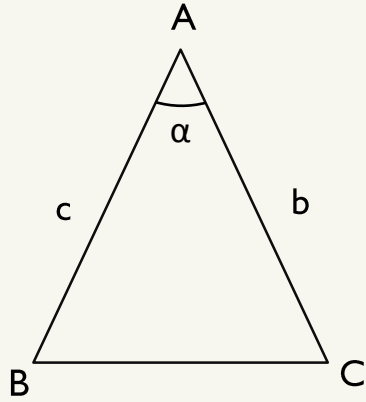
$|BC| = 15$ br.

$|AE| + |ED|$ 'nin minimum değeri kaçtır?

ÖRNEK



$(|AC| + |BD|)$ kaç farklı tam sayı değeri alır?

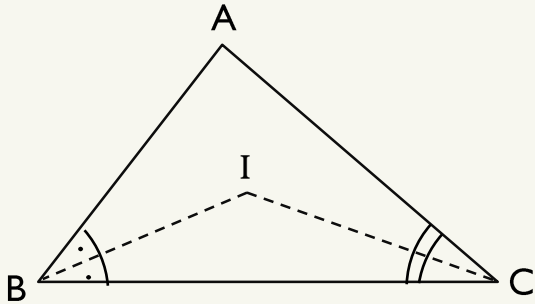


$$\alpha > 90^\circ \longrightarrow$$

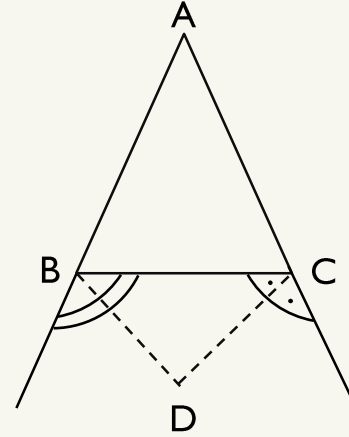
$$\alpha < 90^\circ \longrightarrow$$

UYARI

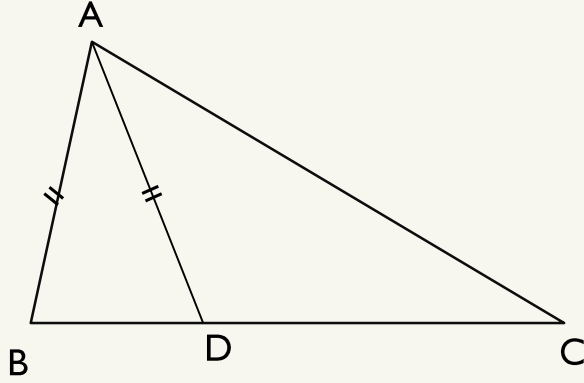
1)



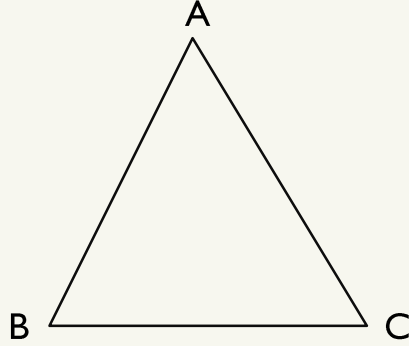
2)



3)

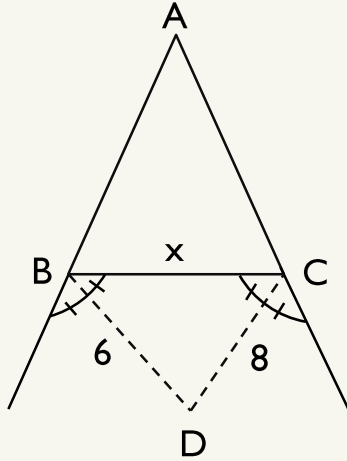


4)



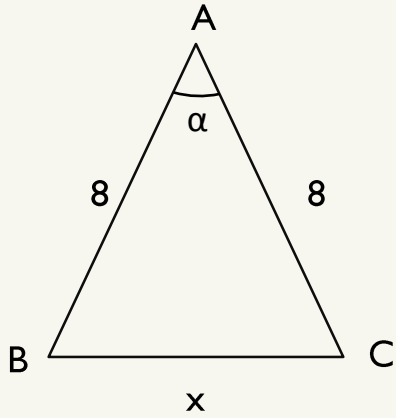
- Diklik merkezi üçgenin iç bölgesinde ise,
- Çevrel çemberin merkezi üçgenin iç bölgesinde ise,
- Kenar orta dikmelerinin kesim noktası üçgenin iç bölgesinde ise.

ÖRNEK



x kaç tam sayı değeri alır?

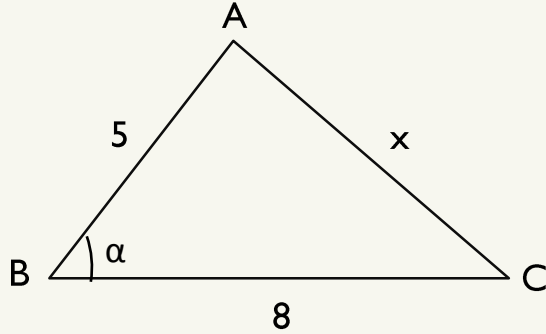
ÖRNEK



$60^\circ < \alpha < 90^\circ$ ise x kaç farklı tam sayı değeri alır?

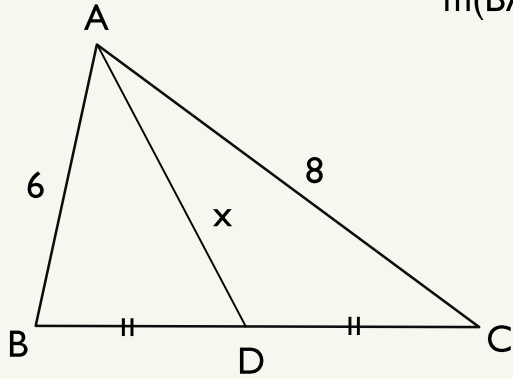
ÖRNEK

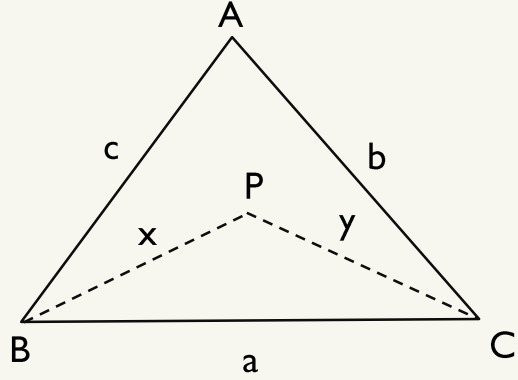
$60^\circ < \alpha$ ise x kaç farklı tam sayı değeri alır?

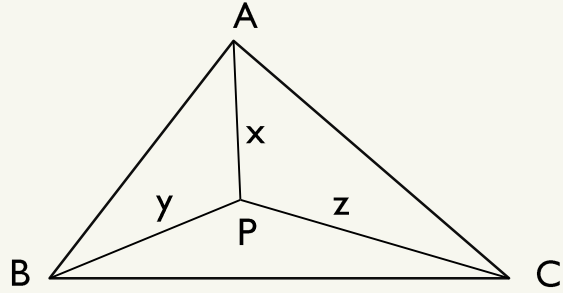


ÖRNEK

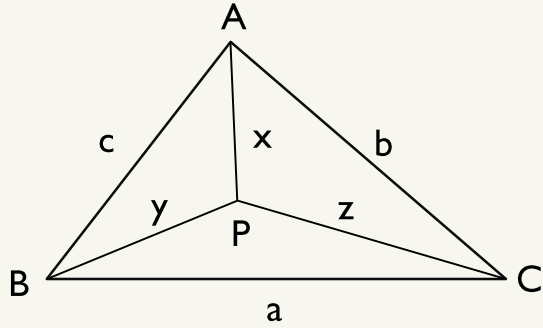
$\angle BAC > 90^\circ$ ise x kaç farklı tam sayı değeri alır?







Kenar uzunlukları verilmemişse ;



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