

# YKS TYT GEOMETRİ DERSLERİ

## 5. HAFTA

10 Kasım 2018 tarihli ders için  
Pınar Ongan tarafından hazırlanmıştır.

# BUGÜNKÜ DERSİN İÇERİĞİ

- Üçgende Kesenler

Menelaus Teoremi,

Seva Teoremi

1. ders

Stewart Teoremi,

Carnot Teoremi

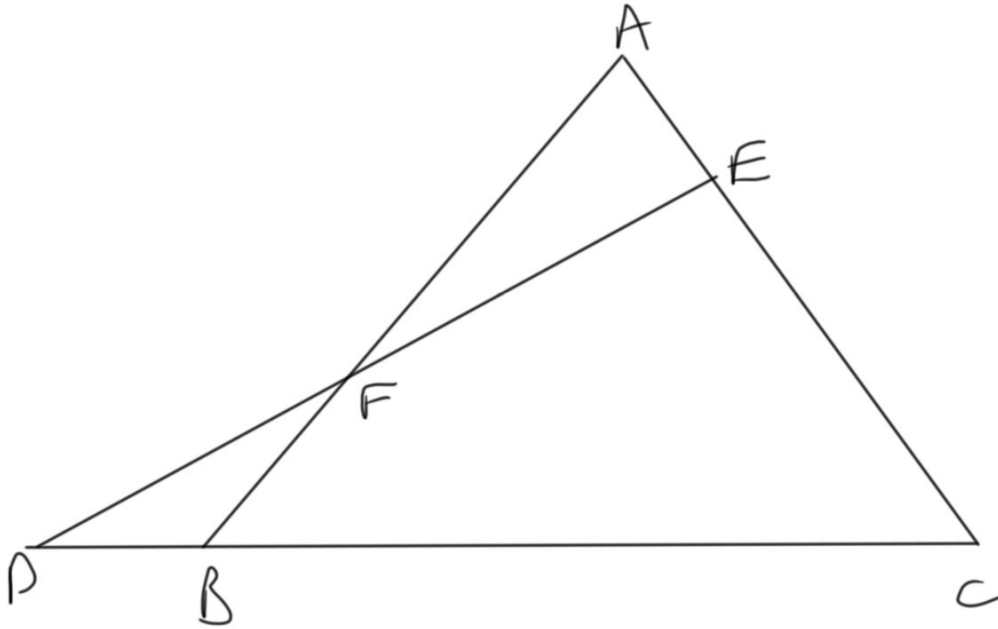
2. ders

mola

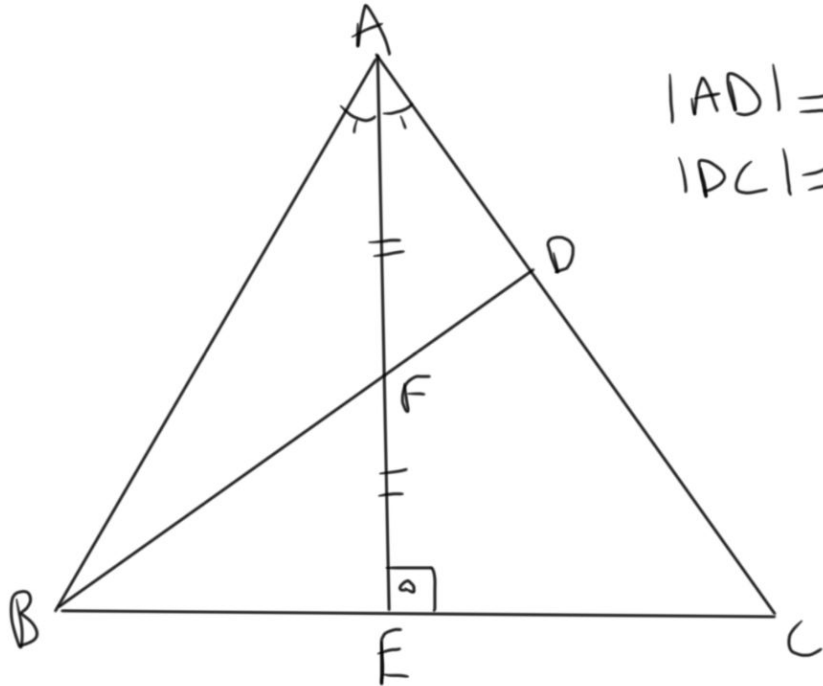
5 dakika

ÜÇGENDE  
KESENLER

# MENELAUS TEOREMİ

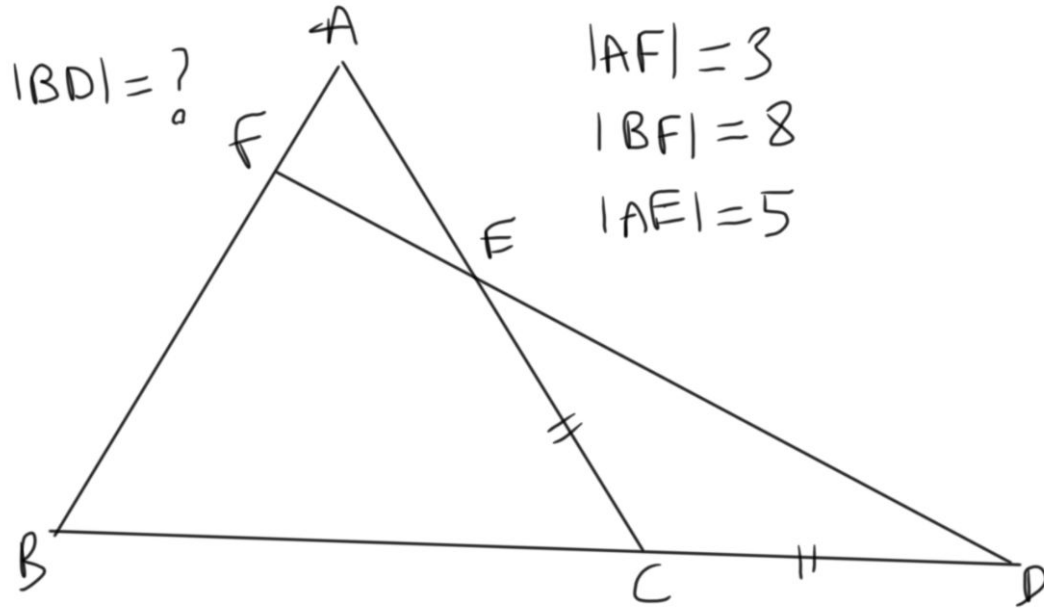


# ALIŞTIRMA # 1

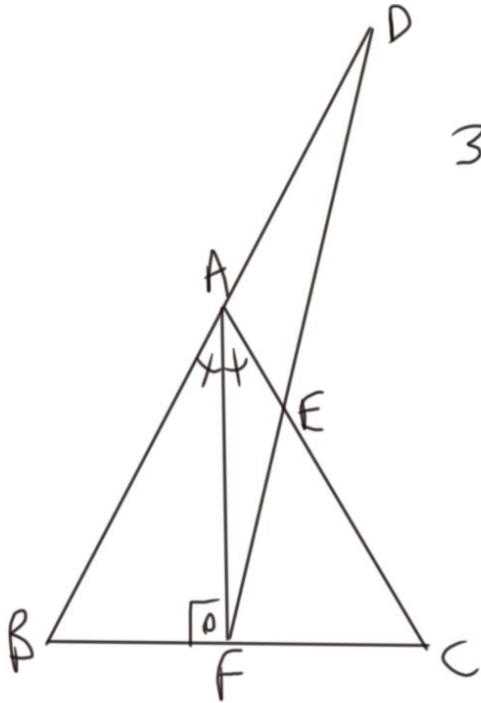


$|AD| = 5$   
 $|DC| = ?$

# ALİŞTIRMA # 2



# ALİŞTIRMA # 3



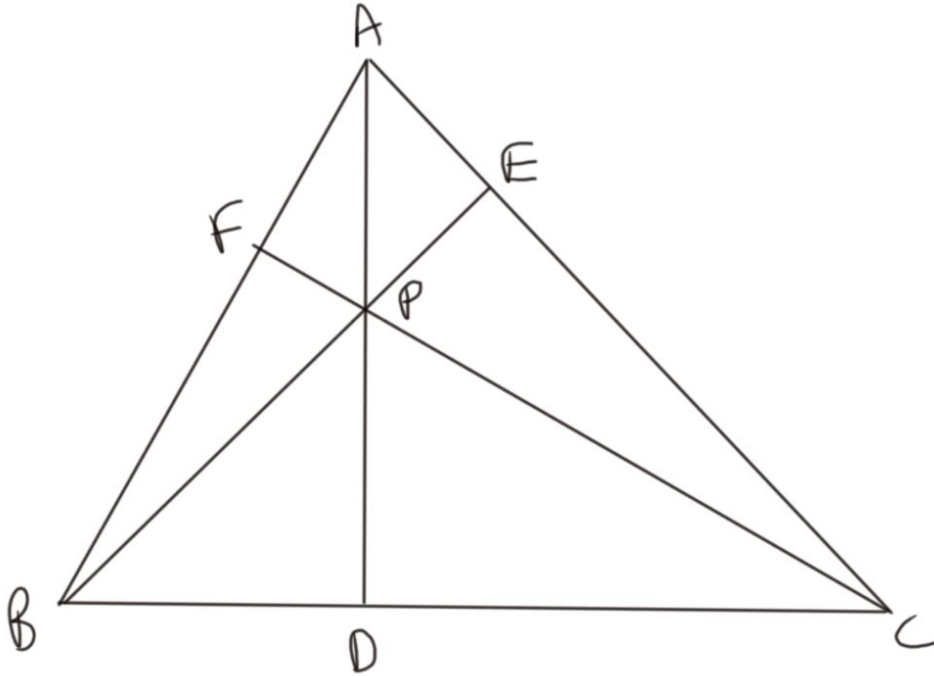
$$3|EF| = 2|DE|$$

$$|AD| = 6$$

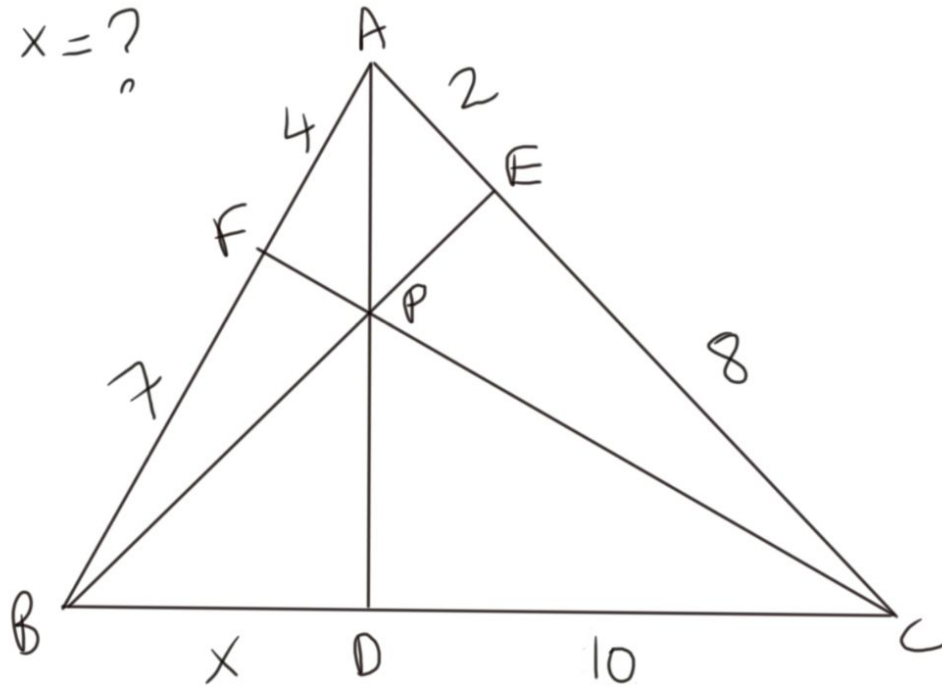
$$|BD| = ?$$



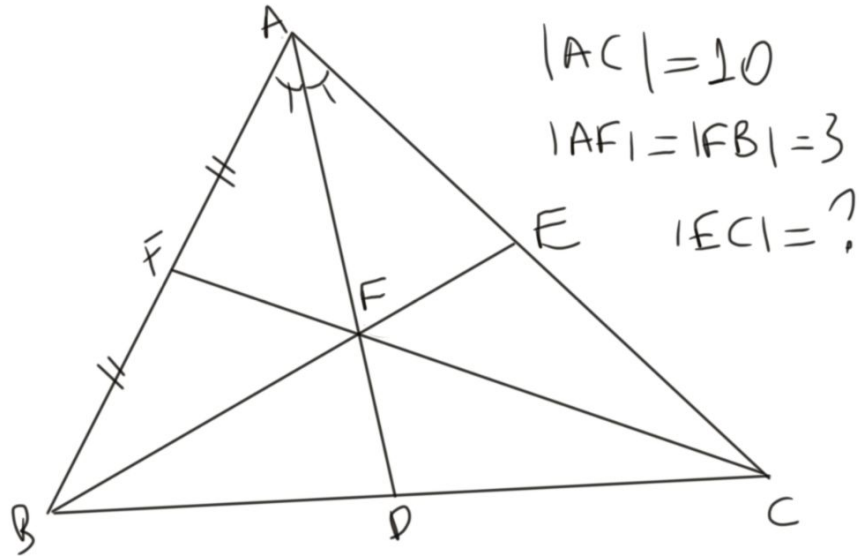
# SEVA TEOREMİ



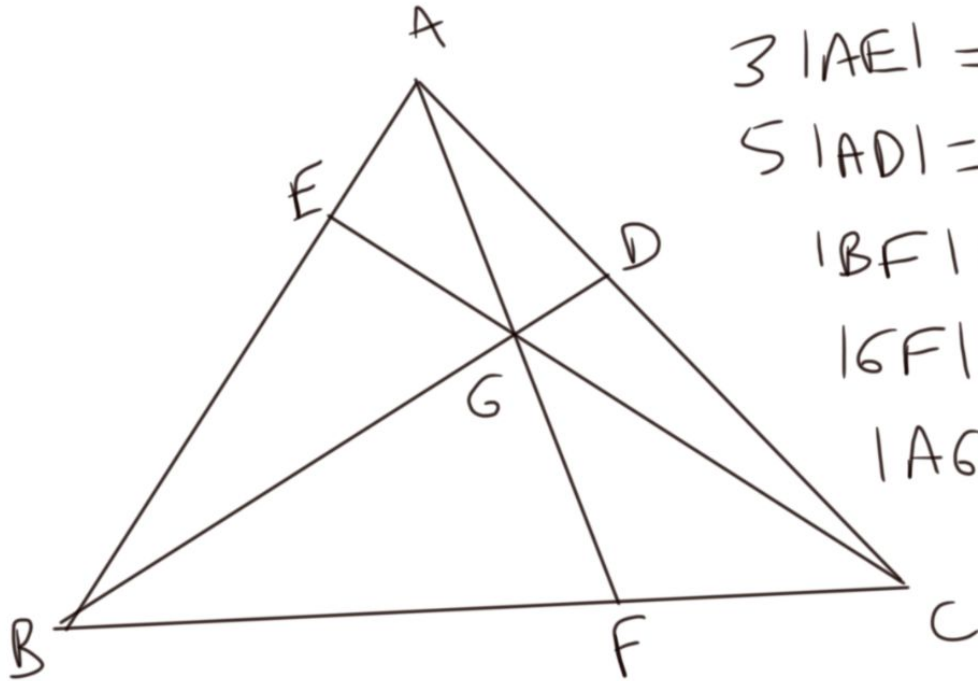
# ALİŞTIRMA # 4



# ALİŞTIRMA # 5



# ALİŞTIRMA # 6



$$3|AE| = |BE|$$

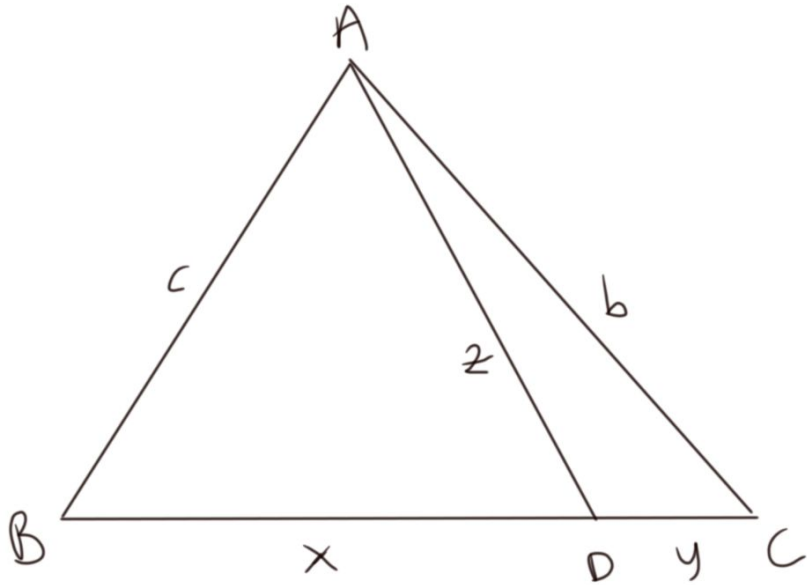
$$5|AD| = 3|DC|$$

$$|BF| = 18$$

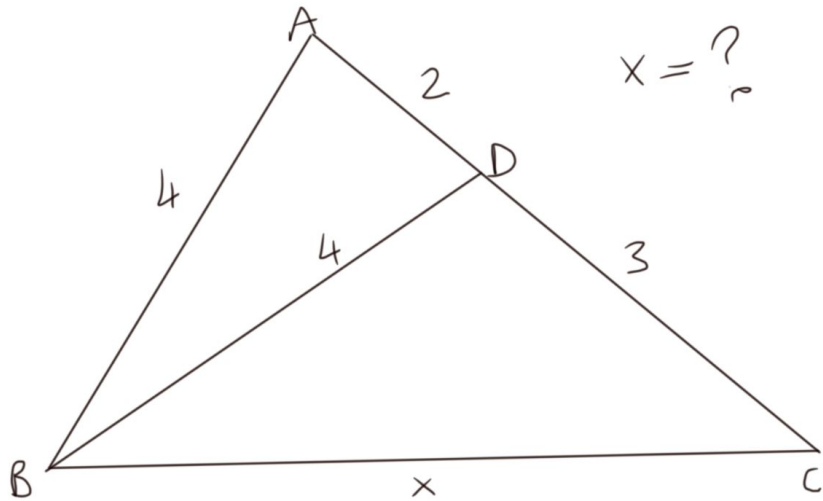
$$|GF| = 14$$

$$|AG| = ?$$

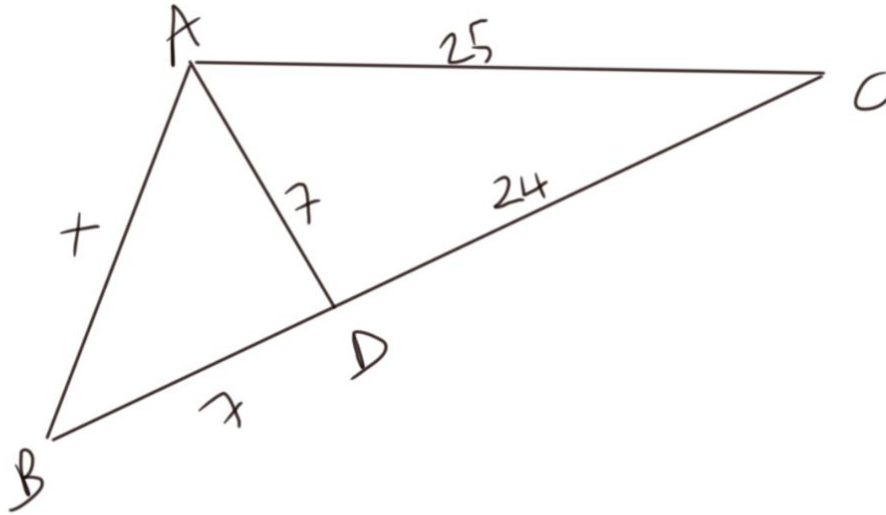
# STEWART TEOREMI



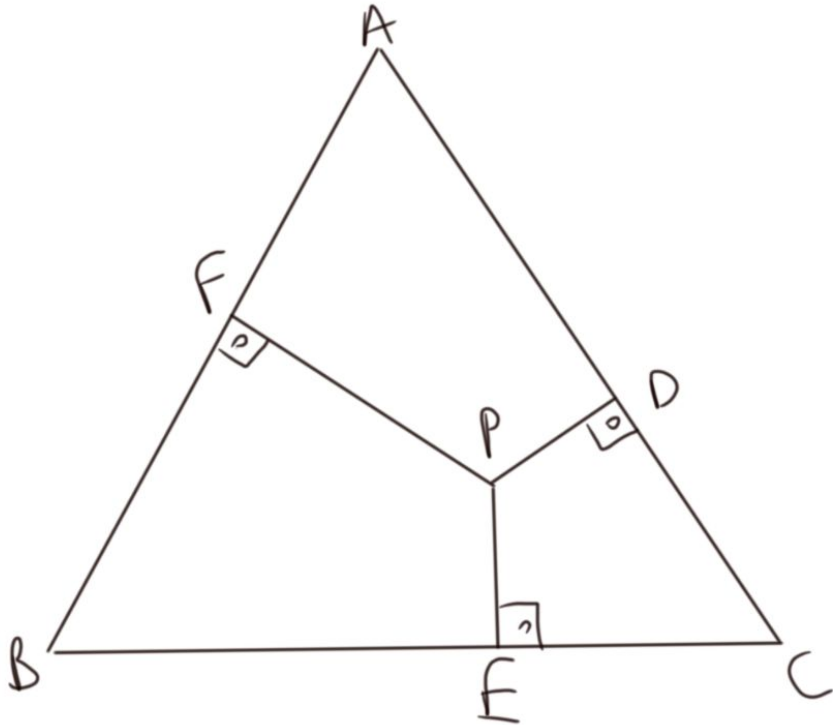
# ALIŞTIRMA # 7



# ALİŞTIRMA # 8

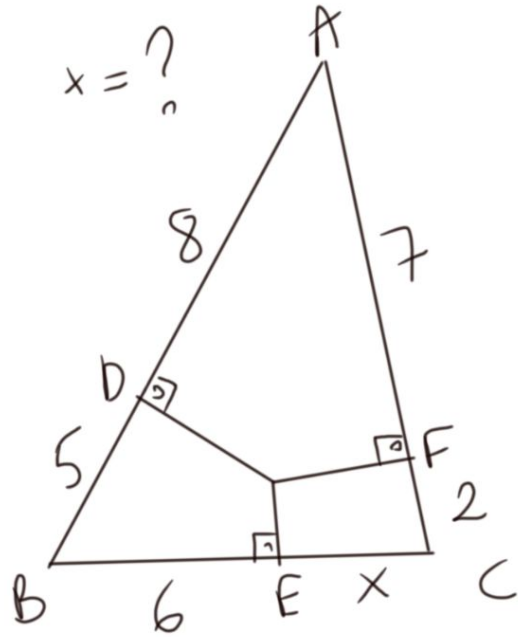


# CARNOT TEOREMİ

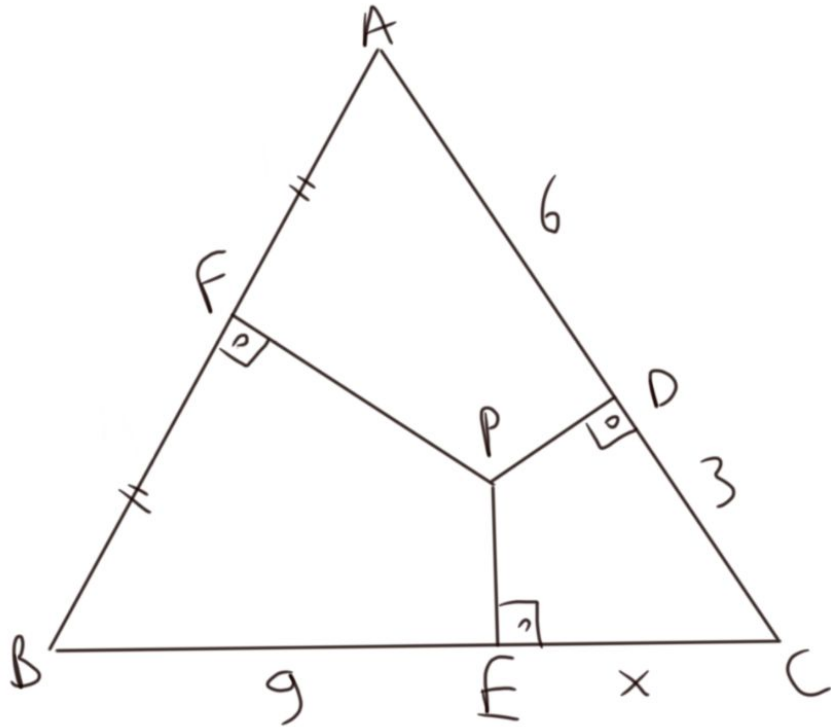




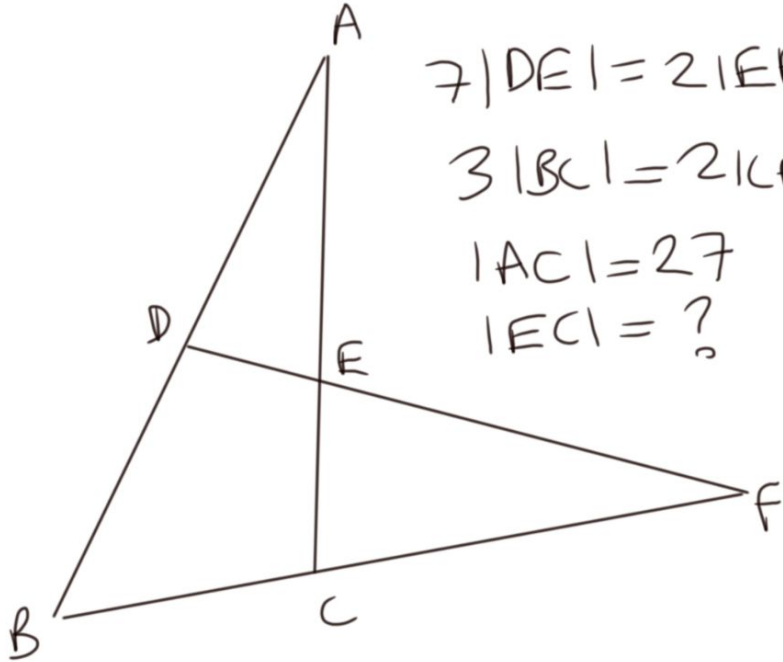
# ALİŞTIRMA # 9



# ALİŞTIRMA # 10



# ALİŞTIRMA # 11



$$7|DE| = 2|EF|$$

$$3|BC| = 2|CF|$$

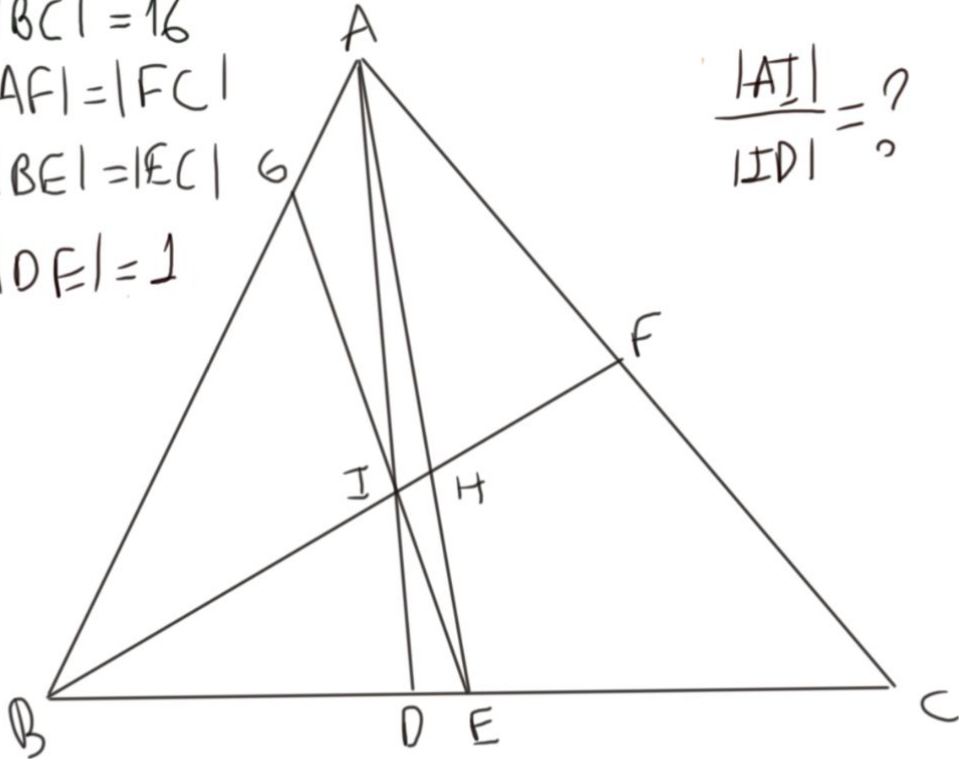
$$|AC| = 27$$

$$|EC| = ?$$

# ALİŞTIRMA # 12

$$\begin{aligned} |BC| &= 16 \\ |AF| &= |FC| \\ |BE| &= |EC| \\ |DE| &= 1 \end{aligned}$$

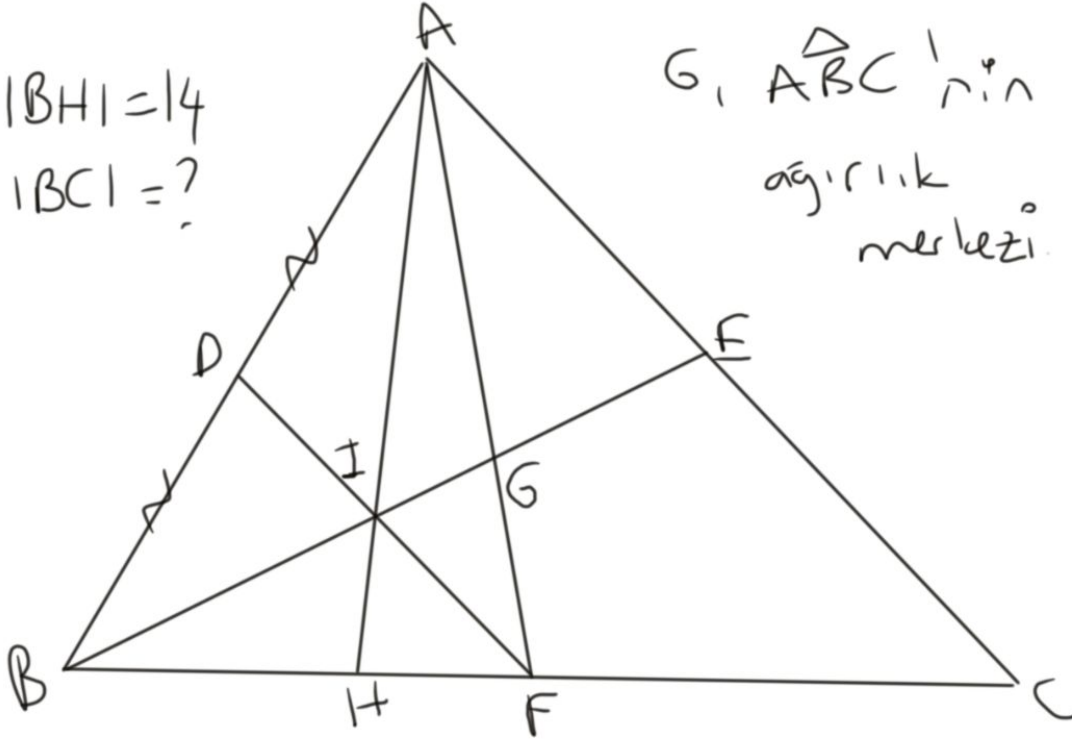
$$\frac{|AI|}{|DI|} = ?$$



# ALİŞTIRMA # 13

$$|BH| = 14$$
$$|BC| = ?$$

G,  $\triangle ABC$ 'nin  
ağırlık  
merkezi.



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