

dersdeo

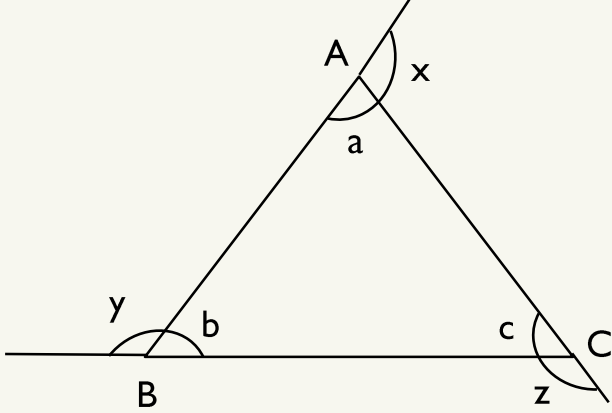
öğrenmenin en kolay yolu o!

GEOMETRİ

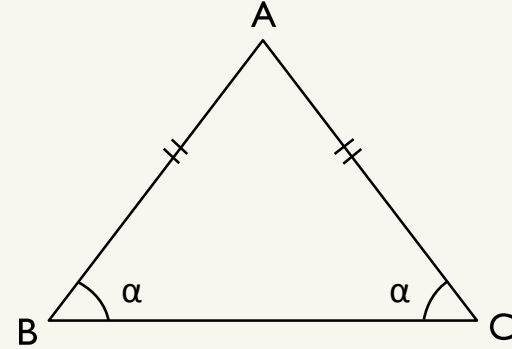
ÜÇGENLER

ÜÇGENDE AÇI

Üçgende Açı

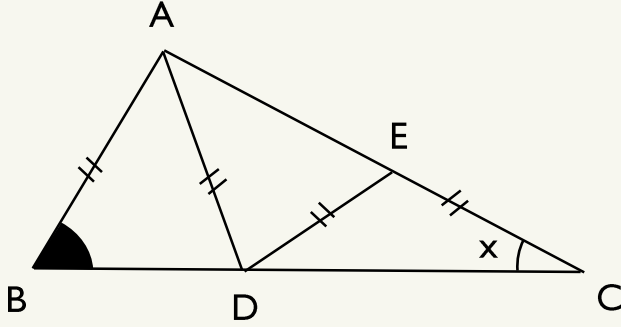


Eşit Açı



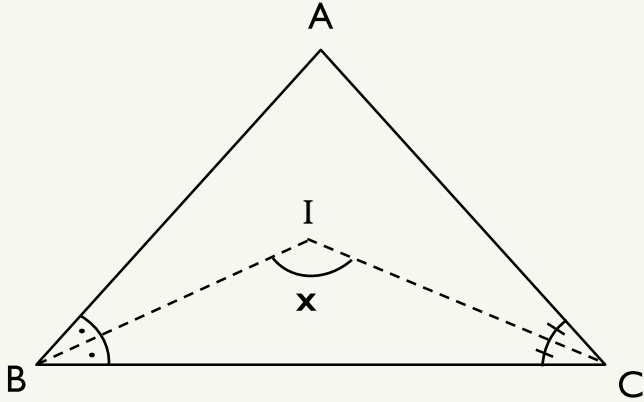
NOT

$m(\hat{A}BD)$ açısının x cinsinden eşiti;

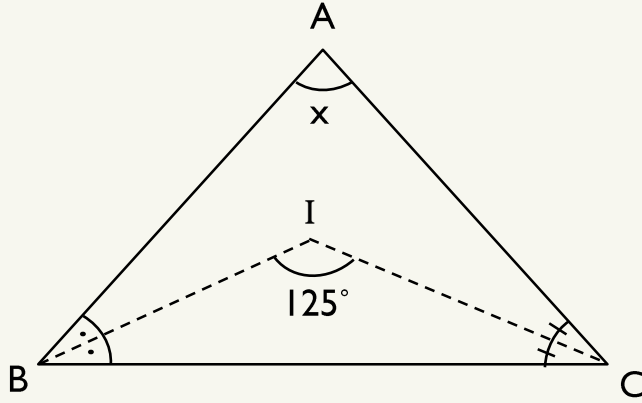


Açıortay Özellikleri:

1)



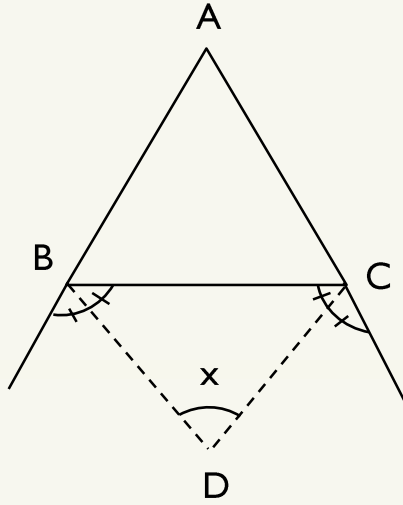
ÖRNEK



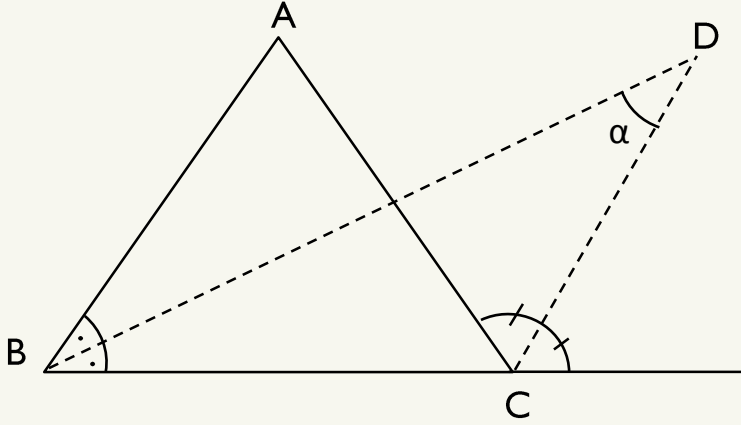
I, ABC üçgeninin açıortaylarının kesim noktası,

$m(\hat{BIC}) = 125^\circ$ ise, $m(\hat{BAC}) = x$ açısı kaç derecedir?

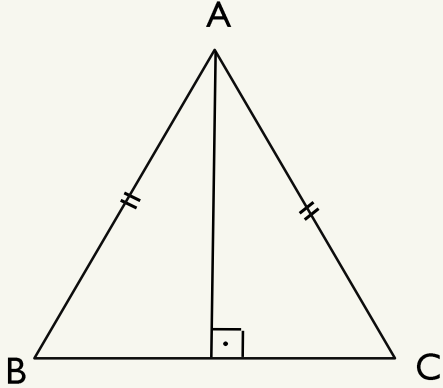
2)



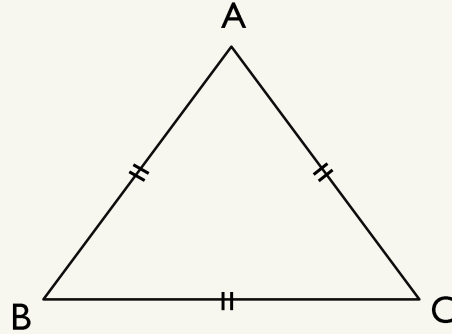
3)

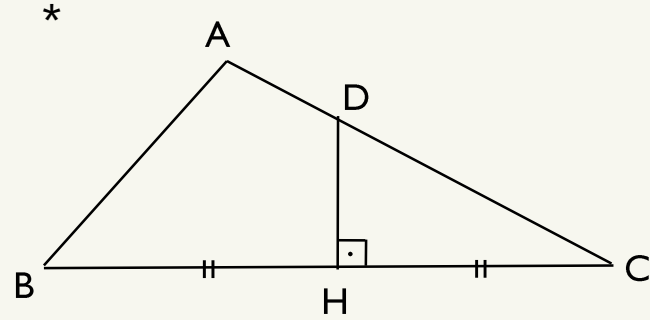
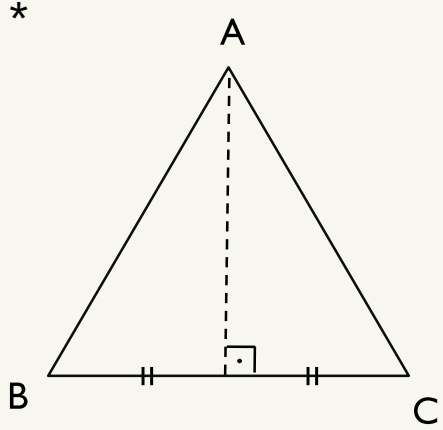


İkizkenar Üçgen:

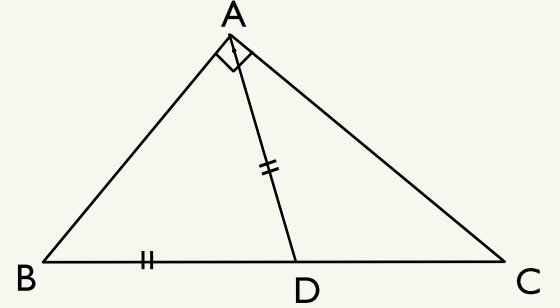
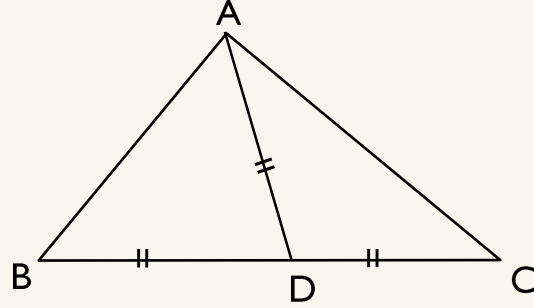
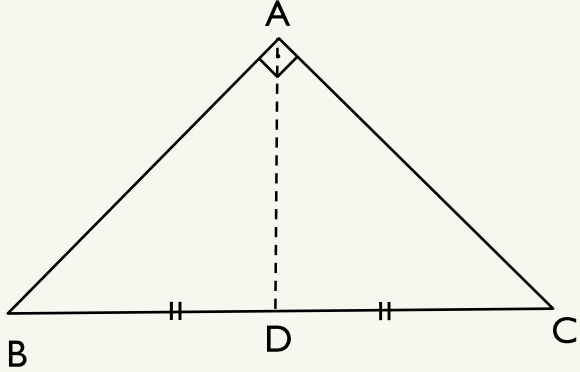


Eşkenar Üçgen:

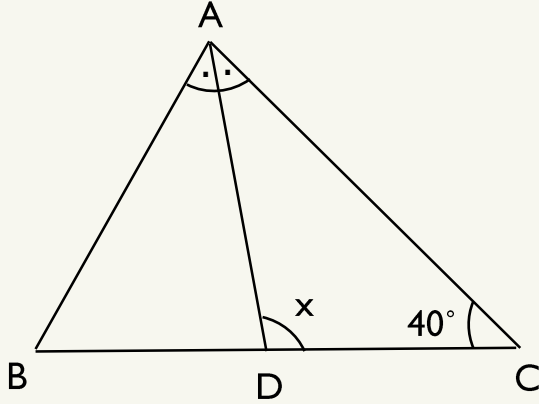




Dik Üçgen



ÖRNEK



ABC bir ikizkenar üçgen,

[AD] açıortay,

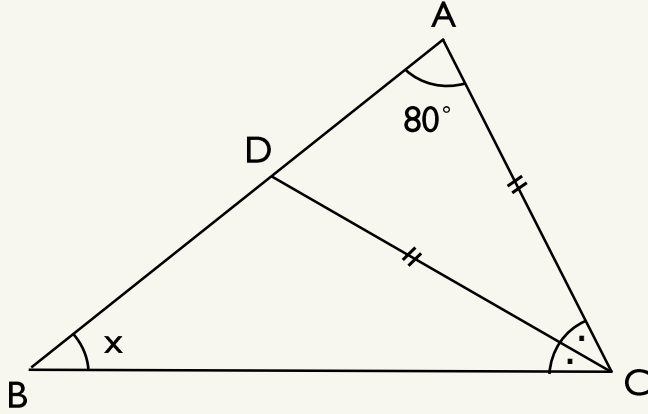
$$m(\hat{ACB}) = 40^\circ$$

$$m(\hat{ADC}) = x$$

Yukarıdaki ABC ikizkenar üçgeninde $|AC| = |BC|$ olduğuna göre x kaç derecedir?

- A) 105 B) 110 C) 115 D) 120 E) 125

ÖRNEK



ABC bir üçgen

$$|CA| = |CD|$$

$$m(\hat{ACD}) = m(\hat{DCB})$$

$$m(\hat{BAC}) = 80^\circ$$

$$m(\hat{ABC}) = x$$

Yukarıdaki verilene göre x kaç derecedir?

A) 40

B) 45

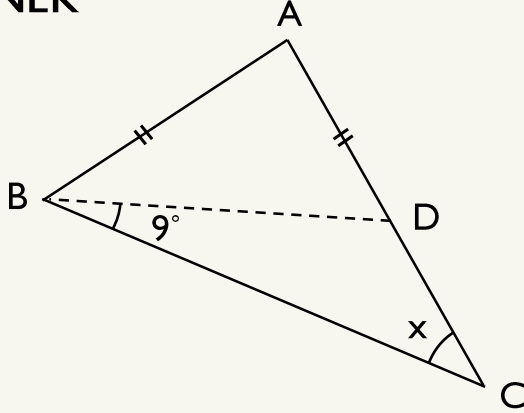
C) 50

D) 60

E) 75

2010 LYS

ÖRNEK



ABC bir ikizkenar üçgen,

$$|AB| = |AD|$$

$$m(\hat{DBC}) = 9^\circ$$

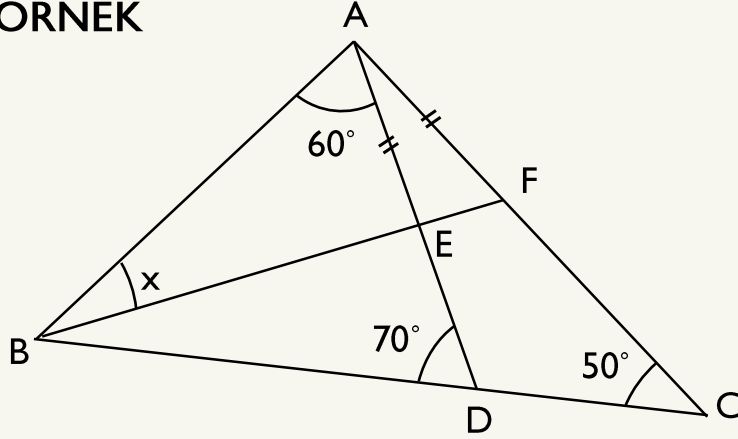
$$m(\hat{BCD}) = x$$

Yukarıdaki şekilde $|AC| = |BC|$ olduğuna göre x kaç derecedir?

- A) 36 B) 39 C) 48 D) 51 E) 54

2010 LYS

ÖRNEK



ABC bir üçgen,

$$|AE| = |AF|$$

$$m(\hat{BAD}) = 60^\circ$$

$$m(\hat{ADB}) = 70^\circ$$

$$m(\hat{ACB}) = 50^\circ$$

$$m(\hat{ABF}) = x$$

Yukarıdaki verilene göre x kaç derecedir?

- A) 10 B) 15 C) 20 D) 25 E) 30

2008 ÖSS

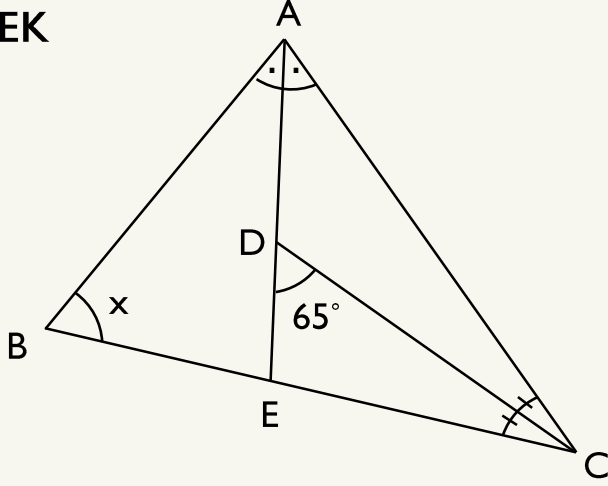
ÖRNEK

Bir ABC üçgeninin iç açılarının ölçüleri a° , b° , c° ve $4c - b \leq a$ olduğuna göre c en çok kaç derecedir?

- A) 25 B) 30 C) 36 D) 42 E) 45

2009 ÖSS

ÖRNEK



ABC bir üçgen,

AE ve CD açıortay,

$$m(\angle EDC) = 65^\circ$$

$$m(\angle ABC) = x$$

Yukarıdaki verilene göre x kaç derecedir?

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

2009 ÖSS