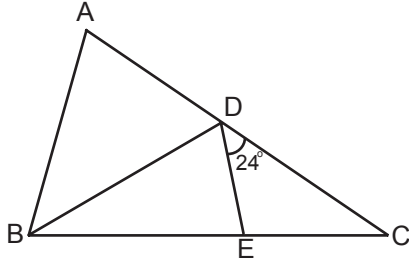


Paralel Doğrular ve Üçgenlerde Açılar - 1

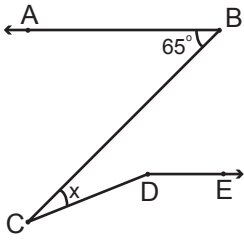
1.



ABC üçgeninde $|AB| = |BD| = |DC| = |BE|$ ve $m(\widehat{EDC}) = 24^\circ$ olduğuna göre $m(\widehat{ABD})$ kaç derecedir?

- A) 10 B) 8 C) 6 D) 4 E) 2

2.

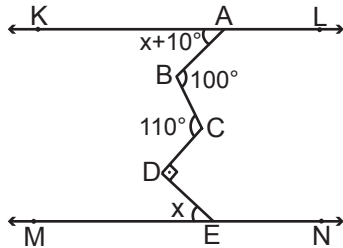


$[BA] \parallel [DE]$
 $m(\widehat{ABC}) = 65^\circ$
 $m(\widehat{BCD}) = x$ 'tir.

Yukarıda verilenlere göre $m(\widehat{CDE})$ 'nin x türünden değeri aşağıdakilerden hangisidir?

- A) $115 + x$ B) $105 - x$ C) $105 + x$
D) $115 - x$ E) $125 - x$

3.

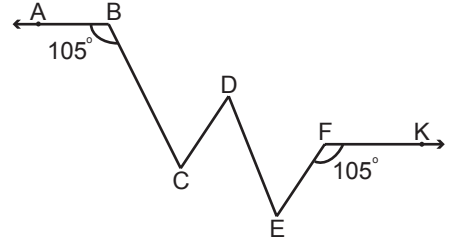


$KL \parallel MN$
 $m(\widehat{KAB}) = x + 10^\circ$
 $m(\widehat{ABC}) = 100^\circ$
 $m(\widehat{BCD}) = 110^\circ$
 $m(\widehat{CDE}) = 90^\circ$
 $m(\widehat{DEM}) = x$ 'tir.

Yukarıda verilenlere göre x kaç derecedir?

- A) 30 B) 35 C) 40 D) 50 E) 55

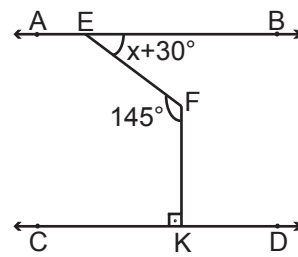
4.



$[BA] \parallel [FK]$, $[BC] \parallel [DE]$, $[CD] \parallel [EF]$ ve $m(\widehat{ABC}) = m(\widehat{EFK}) = 105^\circ$ olduğuna göre $m(\widehat{BCD})$ kaç derecedir?

- A) 15 B) 20 C) 25 D) 30 E) 35

5.

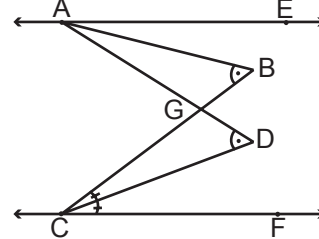


$AB \parallel CD$
 $[FK] \perp CD$
 $m(\widehat{BEF}) = x + 30^\circ$
 $m(\widehat{EFK}) = 145^\circ$ dir.

Yukarıda verilenlere göre x kaç derecedir?

- A) 15 B) 20 C) 25 D) 30 E) 35

6.

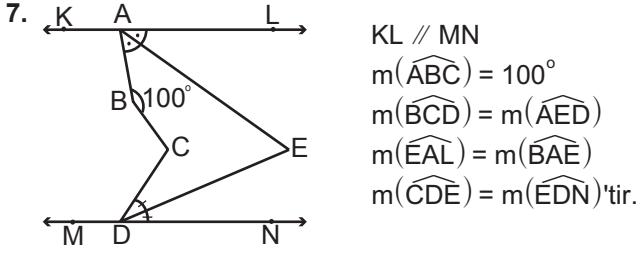


$AE \parallel CF$
 $m(\widehat{DAB}) = 2 \cdot m(\widehat{BAE})$
 $m(\widehat{BCD}) = m(\widehat{DCF})$
 $m(\widehat{ABC}) = m(\widehat{ADC})$ 'tir.

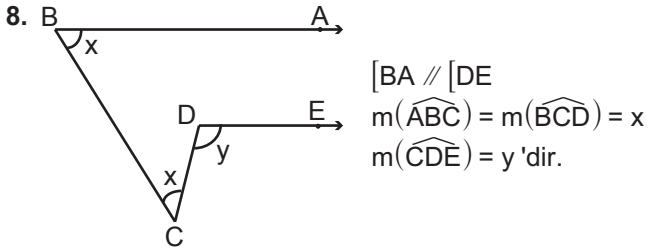
Yukarıda verilenlere göre $\frac{m(\widehat{EAB})}{m(\widehat{DCF})}$ nedir?

- A) $\frac{1}{3}$ B) $\frac{1}{2}$ C) 1 D) 2 E) 3

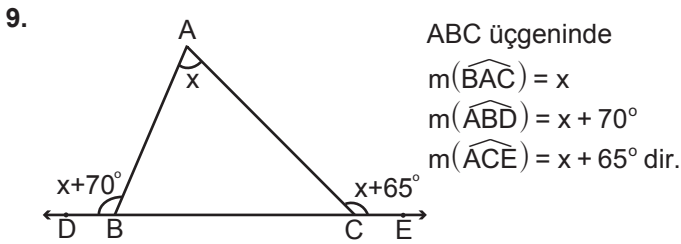
Paralel Doğrular ve Üçgenlerde Açılar - 1

Yukarıda verilenlere göre $m(\widehat{AED})$ kaç derecedir?

- A) 65 B) 70 C) 75 D) 80 E) 85

 $2x + y = 200^\circ$ olduğuna göre y kaç derecedir?

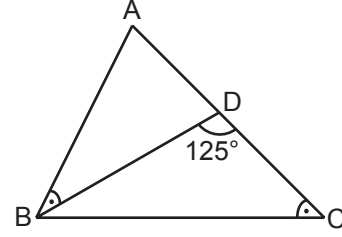
- A) 100 B) 110 C) 120 D) 130 E) 140



Yukarıda verilenlere göre x kaç derecedir?

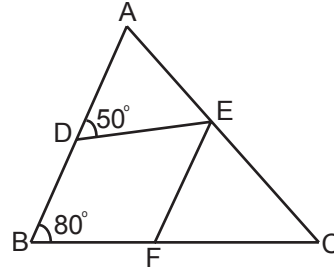
- A) 40 B) 45 C) 50 D) 55 E) 60

10.

ABC üçgeninde $m(\widehat{ABD}) = m(\widehat{DCB})$, $m(\widehat{BDC}) = 125^\circ$ olduğuna göre $m(\widehat{ABC})$ kaç derecedir?

- A) 45 B) 50 C) 55 D) 60 E) 65

11.



ABC üçgeninde
 $m(\widehat{ABC}) = 80^\circ$
 $m(\widehat{ADE}) = 50^\circ$
 $|AE| = |ED|$
 $|EC| = |FC|$ 'tir.

Yukarıda verilenlere göre $m(\widehat{DEF})$ kaç derecedir?

- A) 55 B) 50 C) 45 D) 40 E) 35

12. Tümlerinin iki katı ile bütünlerinin üçte biri toplandığında kendisine eşit olan açı kaç derecedir?

- A) 36 B) 54 C) 60 D) 66 E) 72

ÖLÇME, DEĞERLENDİRME VE SINAV HİZMETLERİ GENEL MÜDÜRLÜĞÜ