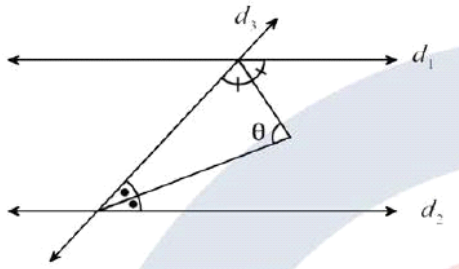


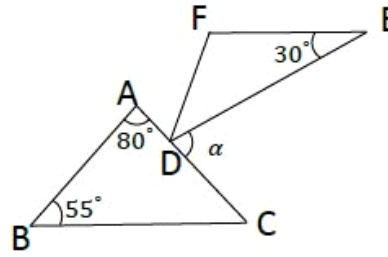
**YÖS Previous Years' Problems**



$d_1 \parallel d_2 \Rightarrow \theta = ?$

- A)  $180^\circ$
- B)  $90^\circ$
- C)  $60^\circ$
- D)  $45^\circ$
- E)  $30^\circ$

Gaziantep 2020

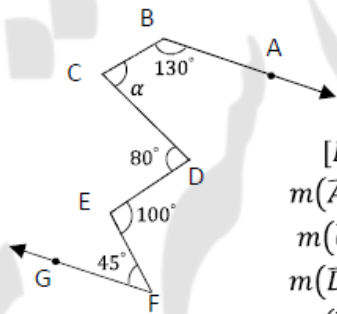


$$\left. \begin{array}{l} [FE] \parallel [BC], \\ [AC] \cap [DE] \cap [DF] = \{D\}, \\ m(\widehat{ABC}) = 55^\circ, m(\widehat{CAB}) = 80^\circ \\ m(\widehat{DEF}) = 30^\circ, m(\widehat{EDC}) = \alpha \end{array} \right\} \Rightarrow \alpha = ?$$

- A)  $75^\circ$    B)  $70^\circ$    C)  $65^\circ$    D)  $60^\circ$    E)  $55^\circ$

İnönü 2020

24.

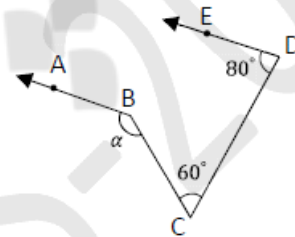


$$\left. \begin{array}{l} [BA] \parallel [FG] \\ m(\widehat{ABC}) = 130^\circ \\ m(\widehat{CDE}) = 80^\circ \\ m(\widehat{DEF}) = 100^\circ \\ m(\widehat{EFG}) = 45^\circ \\ m(\widehat{BCD}) = \alpha \end{array} \right\} \Rightarrow \alpha = ?$$

- A)  $60^\circ$    B)  $65^\circ$    C)  $70^\circ$    D)  $75^\circ$    E)  $80^\circ$

İnönü 2019

23.



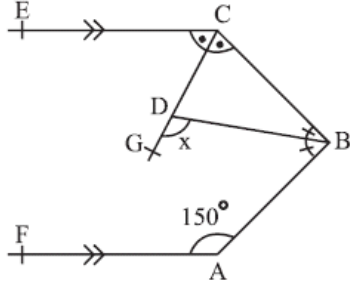
$$\left. \begin{array}{l} [BA] \parallel [DE] \\ m(\widehat{BCD}) = 60^\circ \\ m(\widehat{CDE}) = 80^\circ \end{array} \right\} \Rightarrow \alpha = ?$$

- A)  $110^\circ$    B)  $120^\circ$    C)  $140^\circ$    D)  $160^\circ$    E)  $220^\circ$

İnönü 2019



27.



FA // EC

$$m(\widehat{ECG}) = m(\widehat{BCG})$$

$$m(\widehat{CBD}) = m(\widehat{DBA})$$

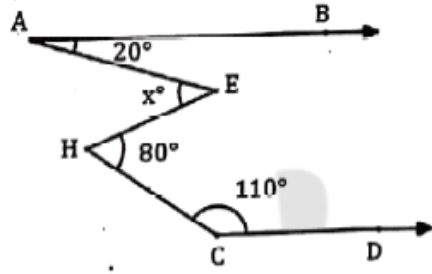
$$m(\widehat{FAB}) = 150^\circ$$

$$m(\widehat{GDB}) = x = ?$$

- A) 90°      B) 100°      C) 105°  
D) 110°      E) 120°

İstanbul 2019

38.

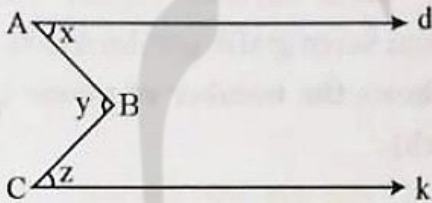


$$[AB // [CD \Rightarrow x = ?$$

- A) 20  
B) 30  
C) 40  
D) 45  
E) 50

Gaziantep 2019

50)



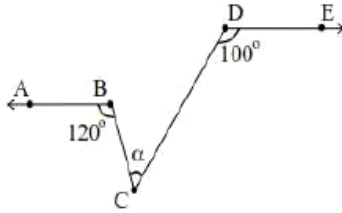
Yukarıda düzlemsel şekilde d//k dir. A, B, C, açılarının ölçüleri x,y ve z, dir.  $\frac{x}{3} = \frac{y}{5}$  ve  $x + y + z = 150^\circ$  olduğuna göre x kaçtır?

(d//k,  $\frac{x}{3} = \frac{y}{5}$  and  $x+y+z=1500$ , then what is x?)

- A) 15      B) 30      C) 45      D) 60      E) 75

Cumhuriyet 2019

25.

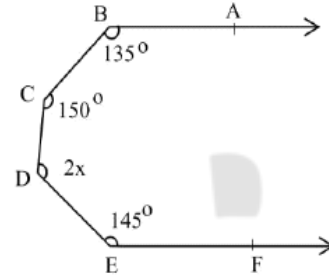


$$\left. \begin{array}{l} [AB] // [DE] \\ m(\widehat{ABC}) = 120^\circ \\ m(\widehat{CDE}) = 100^\circ \end{array} \right\} \Rightarrow \alpha = ?$$

- A)  $20^\circ$  B)  $40^\circ$  C)  $100^\circ$  D)  $120^\circ$  E)  $220^\circ$

İnönü 2018

26.

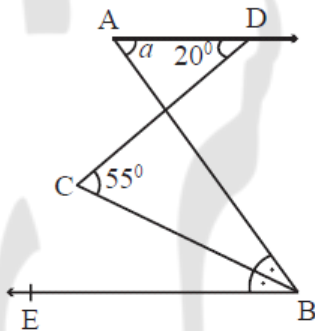


$$\left. \begin{array}{l} [BA] // [EF] \\ m(\widehat{ABC}) = 135^\circ \\ m(\widehat{BCD}) = 150^\circ \\ m(\widehat{DEF}) = 145^\circ \\ m(\widehat{CDE}) = 2x \end{array} \right\} \Rightarrow x = ?$$

- A)  $40^\circ$  B)  $45^\circ$  C)  $50^\circ$  D)  $55^\circ$  E)  $110^\circ$

İnönü 2018

33.



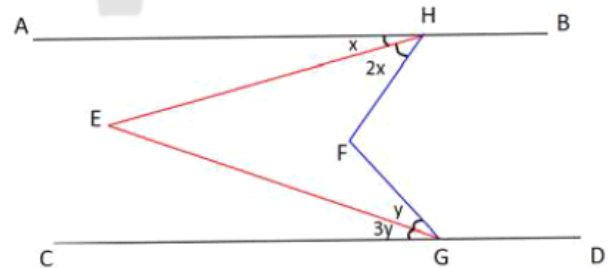
$[AD] // [BE]$   
 $[BC]$ , açıortay

$$\begin{array}{l} m(\widehat{ADC}) = 20^\circ \\ m(\widehat{BCD}) = 55^\circ \\ m(\widehat{BAD}) = a = ? \end{array}$$

- A) 70 B) 65 C) 60

Ondokuz Mayıs 2018

39.



$|AB| // |CD|$

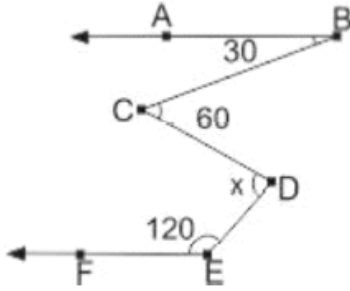
$$\widehat{HFG} = 125^\circ \quad \widehat{HEG} = 75$$

$$x + y = ?$$

- A) 35 B) 40 C) 30 D) 20 E) 45

Harran 2018

25.



Yukarıdaki şekilde  $[BA \parallel [EF$  olduğuna göre  $m(\widehat{CDE}) = x$  kaç derecedir?

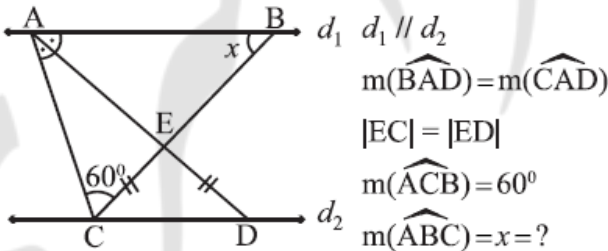
If  $[BA \parallel [EF$ , then  $m(\widehat{CDE}) = x$ ?

؟  $m(\widehat{CDE}) = x$  فعدند  $[BA \parallel [EF$  إذا كانت

- A)  $60^\circ$  B)  $65^\circ$  C)  $70^\circ$  D)  $80^\circ$  E)  $90^\circ$

İnönü 2017

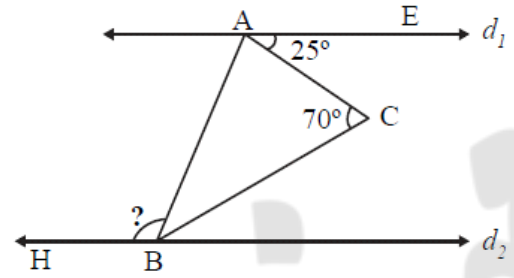
33.



- A) 20 B) 25 C) 30  
D) 35 E) 40

Ondokuz Mayıs 2017

21.



$d_1 \parallel d_2$ ,  $|AB| = |BC|$ ,

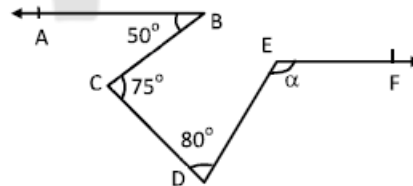
$m(\widehat{EAC}) = 25^\circ$ ,  $m(\widehat{ACB}) = 70^\circ$

$\Rightarrow m(\widehat{ABH}) = ?$

- A) 115 B) 110 C) 105  
D) 100 E) 95

İstanbul 2017

76.



$[BA \parallel [EF$ ,  $m(\widehat{ABC}) = 50^\circ$ ,  $m(\widehat{BCD}) = 75^\circ$   
 $m(\widehat{CDE}) = 70^\circ$

olduğuna göre; / so; / وفقا لهذا

$m(\widehat{DEF}) = \alpha = ?$

- A) 100 B) 105 C) 110 D) 115 E) 120

Balikesir 2017



Sepehr.Ashtari



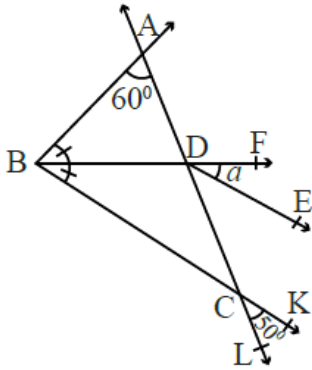
@YOS\_Geometri

Left :E-E  
Right: E-B

↓ با په کلېک برو تو صفحه دوره ↓

uniland.ir

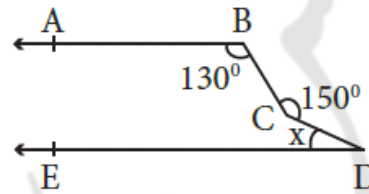




[DE // [BK  
 $m(\widehat{BAL}) = 60^\circ$   
 $m(\widehat{KCL}) = 50^\circ$   
 $m(\widehat{ABD}) = m(\widehat{DBC})$   
 $m(\widehat{FDE}) = a = ?$

- A) 25    B) 35    C) 55    D) 60    E) 80

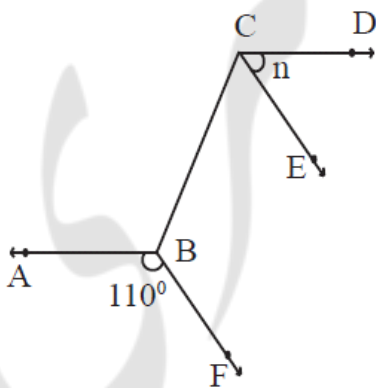
Ondokuz Mayıs 2016



[BA // [DE  
 $m(\widehat{ABC}) = 130^\circ$   
 $m(\widehat{BCD}) = 150^\circ$   
 $m(\widehat{CDE}) = x = ?$

- A) 40    B) 35    C) 30    D) 25    E) 20

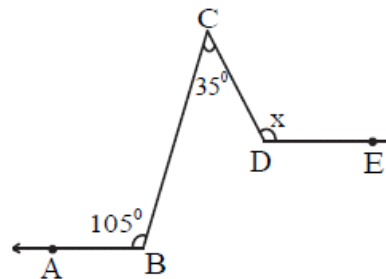
Ondokuz Mayıs 2015



[BA // [CD  
 [BF // [CE  
 $m(\widehat{ABF}) = 110^\circ$   
 $m(\widehat{DCE}) = n = ?$

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

Ondokuz Mayıs 2014



BA//DE  
 $m(\widehat{ABC}) = 105^\circ$   
 $m(\widehat{BCD}) = 35^\circ$   
 $m(\widehat{CDE}) = x = ?$

- A) 80    B) 95    C) 100    D) 110    E) 115

Ondokuz Mayıs 2013