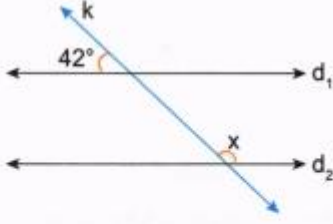


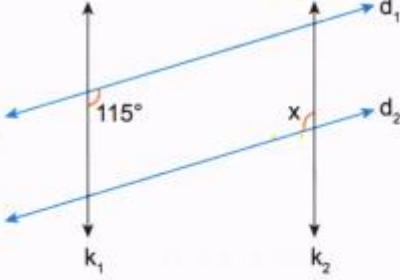
1.



Yukarıdaki şekilde $d_1 \parallel d_2$ dir.

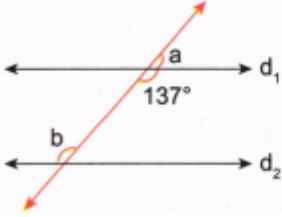
Şekilde verilenlere göre x açısı kaç derecedir?

2.



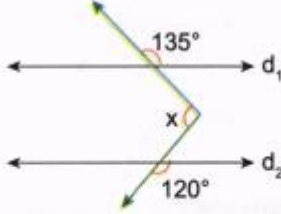
Yukarıdaki şekilde $d_1 \parallel d_2$ ve $k_1 \parallel k_2$ ise x açısı kaç derecedir?

3.



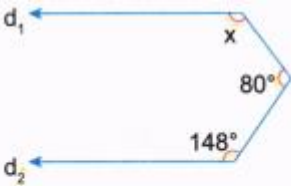
Yandaki şekilde $d_1 \parallel d_2$ ise $a + b$ kaç derecedir?

4.



Yukarıdaki şekilde $d_1 \parallel d_2$ ise x açısı kaç derecedir?

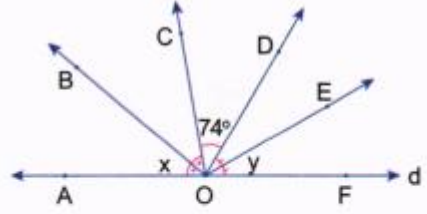
5.



Yukarıdaki şekilde $d_1 \parallel d_2$ 'dir.

Verilenlere göre x kaç derecedir?

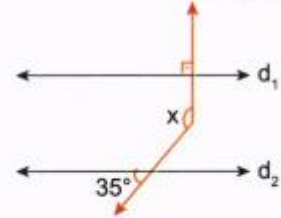
6.



Yukarıdaki şekilde $s(\widehat{COD}) = 74^\circ$,
 $s(\widehat{AOB}) = s(\widehat{BOC})$ ve $s(\widehat{DOE}) = s(\widehat{EOF})$ 'dir.

Verilenlere göre $x + y$ kaç derecedir?

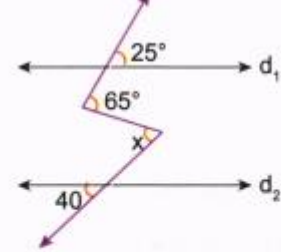
7.



Yukarıdaki şekilde $d_1 \parallel d_2$ 'dir.

Verilenlere göre x kaç derecedir?

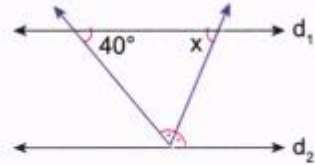
8.



Yukarıdaki şekilde $d_1 \parallel d_2$ 'dir.

Verilenlere göre x kaç derecedir?

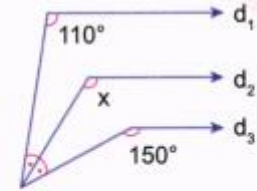
9.



Yukarıdaki şekilde $d_1 \parallel d_2$ 'dir.

Verilenlere göre x kaç derecedir?

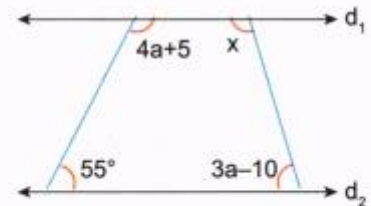
10.



Yukarıdaki şekilde $d_1 \parallel d_2 \parallel d_3$ 'dür.

Verilenlere göre x kaç derecedir?

11.



Yukarıdaki şekilde $d_1 \parallel d_2$ 'dir.

Verilenlere göre x kaç derecedir?

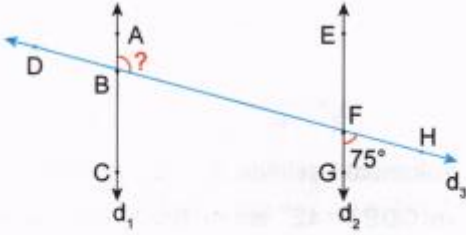
12.



Yukarıdaki şekilde $d_1 \parallel d_2$ 'dir.

Verilenlere göre x kaç derecedir?

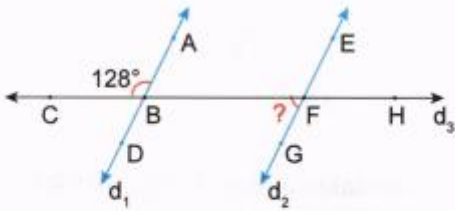
13.



Yukarıdaki şekilde $d_1 \parallel d_2$ 'dir.

$m(\widehat{GFH}) = 75^\circ$ ise $m(\widehat{ABF})$ kaç derecedir?

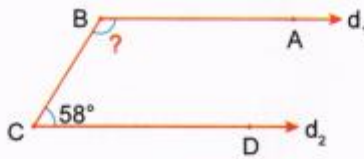
14.



Yukarıdaki şekilde $d_1 \parallel d_2$ 'dir.

$m(\widehat{ABC}) = 128^\circ$ ise $m(\widehat{BFG})$ kaç derecedir?

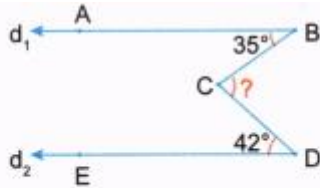
15.



Yukarıdaki şekilde $d_1 \parallel d_2$ 'dir.

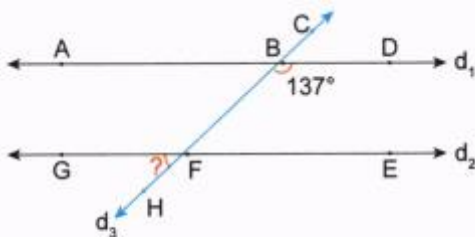
$m(\widehat{BCD}) = 58^\circ$ ise $m(\widehat{ABC})$ kaç derecedir?

16.



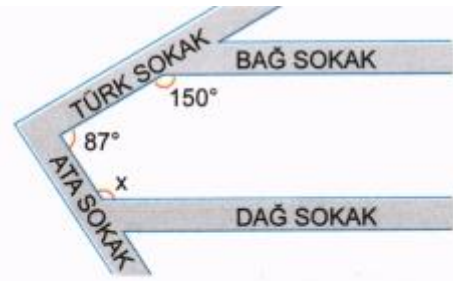
Yukarıdaki şekilde $d_1 \parallel d_2$, $m(\widehat{ABC}) = 35^\circ$,
 $m(\widehat{CDE}) = 42^\circ$ ise $m(\widehat{BCD})$ kaç derecedir?

17.



Yukarıdaki şekilde $d_1 \parallel d_2$, $m(\widehat{DBF}) = 137^\circ$
ise $m(\widehat{GFH})$ kaç derecedir?

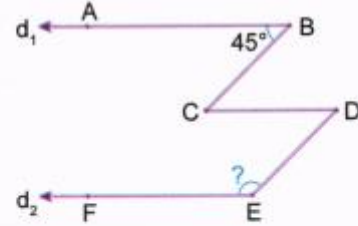
18.



Yukarıdaki krokide Bağ Sokak ve Dağ Sokak birbirine paraleldir.

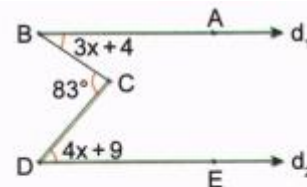
Sokakların arasında kalan açılara göre x kaç derecedir?

19.



Yukarıdaki şekilde $d_1 \parallel d_2 \parallel [CD]$ ve
 $[BC] \parallel [DE]$, $m(\widehat{ABC}) = 45^\circ$ ise $m(\widehat{DEF})$
kaç derecedir?

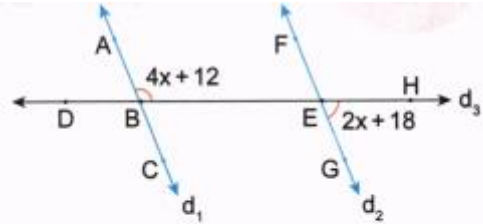
20.



Yukarıdaki şekilde $d_1 \parallel d_2$ 'dir.

$m(\widehat{BCD}) = 83^\circ$, $m(\widehat{ABC}) = 3x + 4$ ve
 $m(\widehat{CDE}) = 4x + 9$ ise $m(\widehat{ABC})$ kaç dere-
cedir?

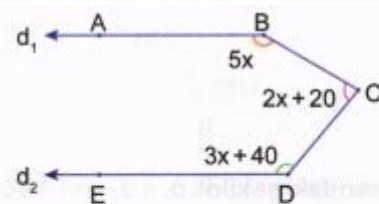
21.



Yukarıdaki şekilde $d_1 \parallel d_2$ 'dir.

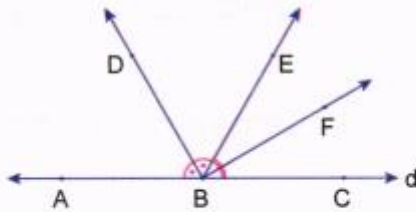
$m(\widehat{ABE}) = 4x + 12$ ve $m(\widehat{HEG}) = 2x + 18$
ise x kaçtır?

22.



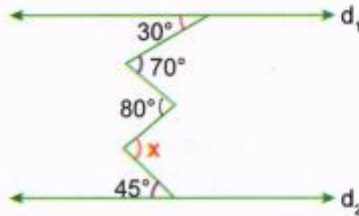
Yukarıdaki şekilde $d_1 \parallel d_2$, $m(\widehat{ABC}) = 5x$,
 $m(\widehat{BCD}) = 2x + 20$, $m(\widehat{CDE}) = 3x + 40$ ise
 $m(\widehat{BCD})$ kaç derecedir?

23.



Yukarıdaki şekilde $m(\widehat{ABD}) = m(\widehat{DBE})$
 $m(\widehat{EBF}) = m(\widehat{FBC})$ ise $m(\widehat{DBF})$ kaç derecedir?

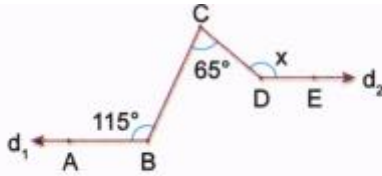
24.



Yukarıdaki şekilde $d_1 \parallel d_2$ 'dir.

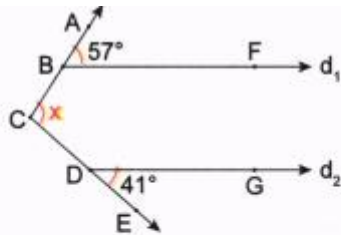
Buna göre, x açısı kaç derecedir?

25.



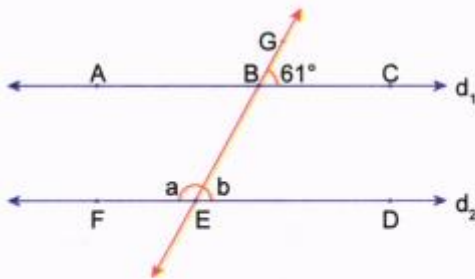
Yukarıdaki şekilde $d_1 \parallel d_2$, $m(\widehat{ABC}) = 115^\circ$
 $m(\widehat{BCD}) = 65^\circ$ ise $m(\widehat{CDE})$ kaç derecedir?

26.



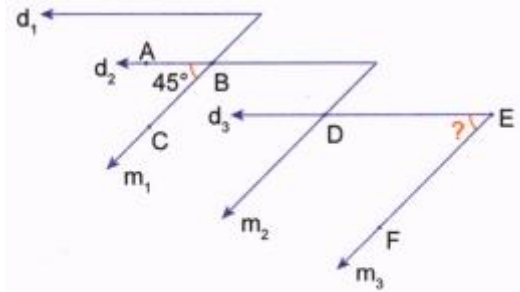
Yukarıdaki şekilde $d_1 \parallel d_2$, $m(\widehat{ABF}) = 57^\circ$,
 $m(\widehat{EDG}) = 41^\circ$ ise $m(\widehat{BCD}) = x$ kaç derecedir?

27.



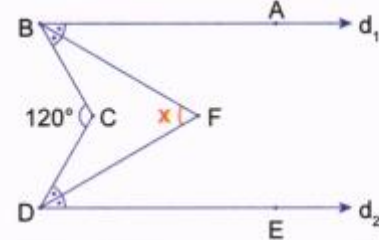
Yukarıdaki şekilde $d_1 \parallel d_2$, $m(\widehat{GBC}) = 61^\circ$
 ise $a - b$ kaç derecedir?

28.



Yukarıdaki şekilde $d_1 \parallel d_2 \parallel d_3$ ve $m_1 \parallel m_2 \parallel m_3$,
 $m(\widehat{ABC}) = 45^\circ$ ise $m(\widehat{DEF})$ kaç derecedir?

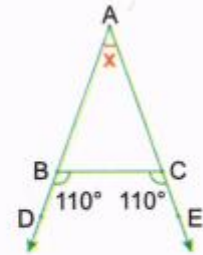
29.



Yukarıdaki şekilde $d_1 \parallel d_2$ 'dir.

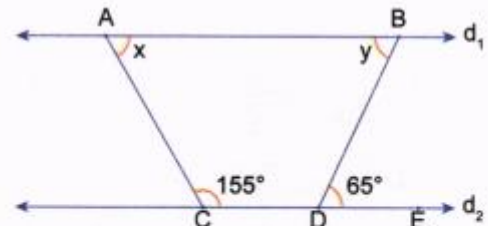
$m(\widehat{ABF}) = m(\widehat{CBF}) = m(\widehat{CDF}) = m(\widehat{FDE})$
 $m(\widehat{BCD}) = 120^\circ$ ise $m(\widehat{BFD}) = x$ kaç derecedir?

30.



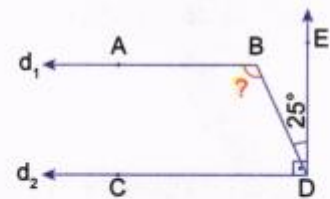
Yandaki şekilde $m(\widehat{DBC}) = m(\widehat{BCE}) = 110^\circ$
 ise $m(\widehat{BAC})$ kaç derecedir?

31.



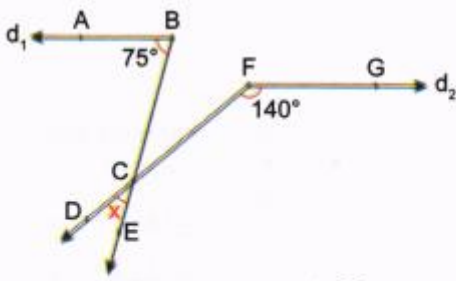
Yukarıdaki şekilde $d_1 \parallel d_2$, $m(\widehat{ACD}) = 155^\circ$
 $m(\widehat{BDE}) = 65^\circ$ ise $x + y$ kaç derecedir?

32.



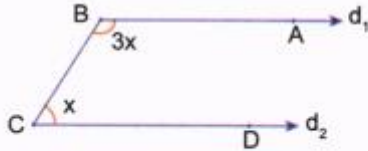
Yukarıdaki şekilde $d_1 \parallel d_2$, $[DE \perp [DC$ ve
 $m(\widehat{BDE}) = 25^\circ$ olduğuna göre, $m(\widehat{ABD})$
 kaç derecedir?

33.



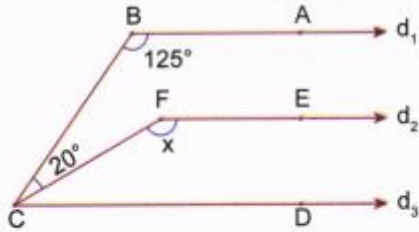
Yukarıdaki şekilde $d_1 \parallel d_2$, $m(\widehat{ABC}) = 75^\circ$, $m(\widehat{GFC}) = 140^\circ$ ise $m(\widehat{DCE}) = x$ kaç derecedir?

34.



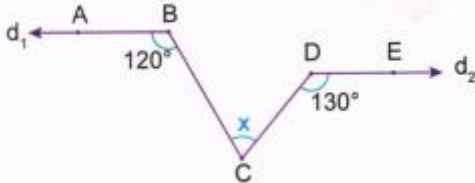
Yukarıdaki şekilde $d_1 \parallel d_2$, $m(\widehat{ABC}) = 3x$, $m(\widehat{BCD}) = x$ ise x açısı kaç derecedir?

35.



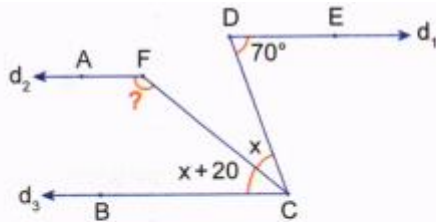
Yukarıdaki şekilde $d_1 \parallel d_2 \parallel d_3$, $m(\widehat{ABC}) = 125^\circ$, $m(\widehat{BCF}) = 20^\circ$ ise $m(\widehat{CFE}) = x$ kaç derecedir?

36.



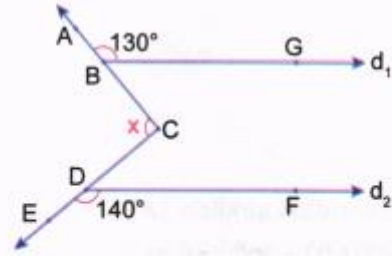
Yukarıdaki şekilde $d_1 \parallel d_2$, $m(\widehat{ABC}) = 120^\circ$ ve $m(\widehat{EDC}) = 130^\circ$ ise $m(\widehat{BCD}) = x$ açısı kaç derecedir?

37.



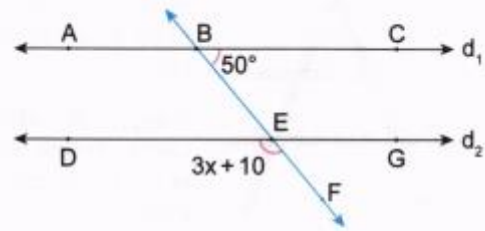
Yukarıdaki şekilde $d_1 \parallel d_2 \parallel d_3$, $m(\widehat{EDC}) = 70^\circ$, $m(\widehat{DCF}) = x$, $m(\widehat{BCF}) = x + 20$ ise $m(\widehat{AFC})$ kaç derecedir?

38.



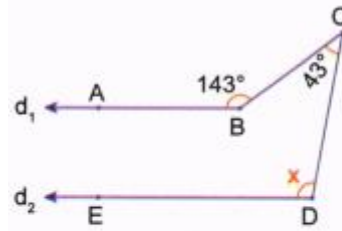
Yukarıdaki şekilde $d_1 \parallel d_2$, $m(\widehat{ABG}) = 130^\circ$, $m(\widehat{EDF}) = 140^\circ$ ise $m(\widehat{BCD}) = x$ kaç derecedir?

39.



Yukarıdaki şekilde $d_1 \parallel d_2$ 'dir. $m(\widehat{CBE}) = 50^\circ$, $m(\widehat{DEF}) = 3x + 10$ ise x kaç derecedir?

40.



Yukarıdaki şekilde $d_1 \parallel d_2$ 'dir. $m(\widehat{ABC}) = 143^\circ$ ve $m(\widehat{BCD}) = 43^\circ$ ise $m(\widehat{CDE}) = x$ kaç derecedir?

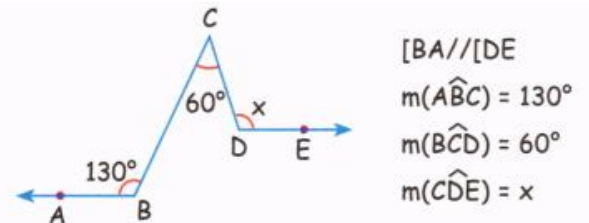
41. Komşu tümler iki açıdan biri diğerinin 4 katının 15 eksiğine eşittir.

Buna göre küçük açı kaç derecedir?

42. Tümler iki açıdan biri diğerinin 3 katının 6 fazlasıdır.

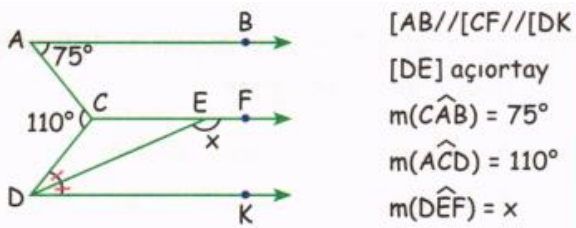
Buna göre büyük açının bütünleri kaç derecedir?

43.

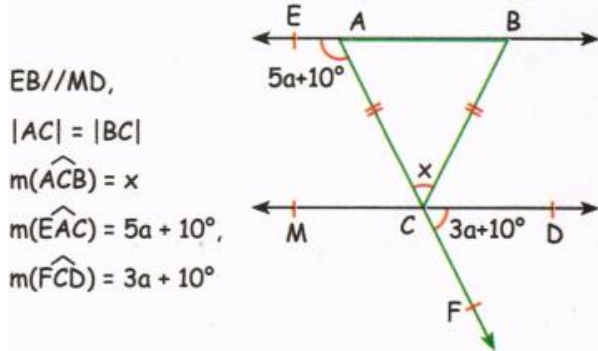


Yukarıdaki verilere göre, x kaç derecedir?

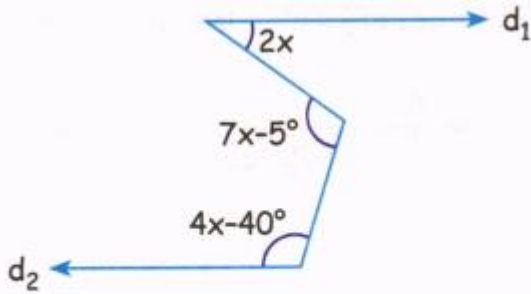
44.

Yukarıdaki verilere göre, x kaç derecedir?

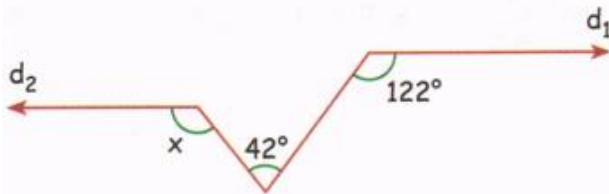
45.

Yukarıdaki şekilde $|AC| = |BC|$ olduğuna göre, $m(\widehat{ACB}) = x$ kaç derecedir?

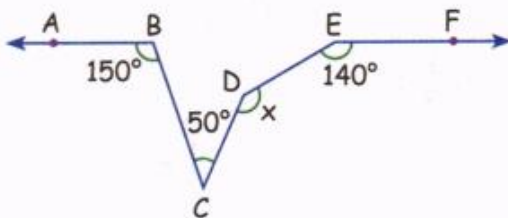
46.

Şekilde $d_1 // d_2$ ise x kaç derecedir?

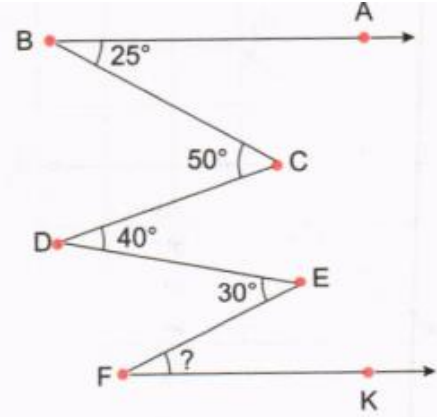
47.

Şekilde $d_1 // d_2$ ise x açısı kaç derecedir?

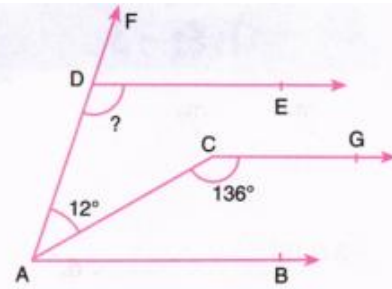
48.

Verilenlere göre $m(\widehat{EDC}) = x$ kaç derecedir?

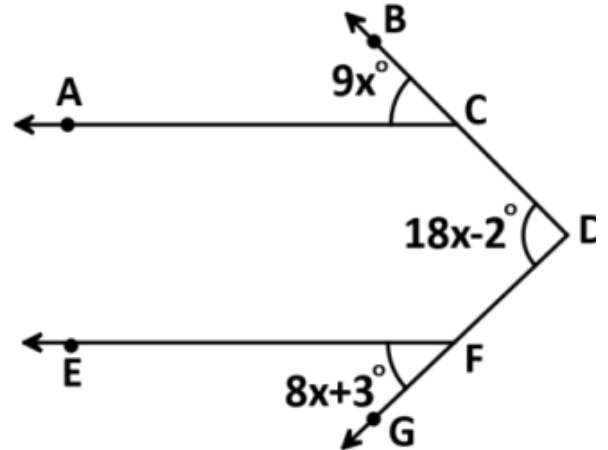
49.

Şekilde, $[BA] // [FK]$, $m(\widehat{ABC}) = 25^\circ$, $m(\widehat{BCD}) = 50^\circ$, $m(\widehat{CDE}) = 40^\circ$ ve $m(\widehat{DEF}) = 30^\circ$ olduğuna göre, $m(\widehat{EFK})$ kaç derecedir?

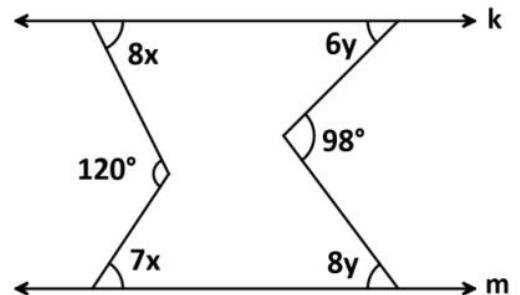
50.

Şekilde $[AB] // [CG] // [DE]$, $s(\widehat{ACG}) = 136^\circ$ ve $s(\widehat{CAD}) = 12^\circ$ ise $s(\widehat{ADE})$ kaç derecedir?

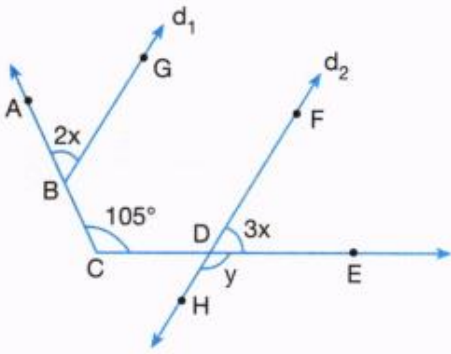
51.

Şekilde $[CA] // [FE]$, $m(\widehat{BCA}) = 9x$, $m(\widehat{EFG}) = 8x + 3^\circ$ ve $m(\widehat{CDF}) = 18x - 2^\circ$ olduğuna göre x kaçtır?

52.

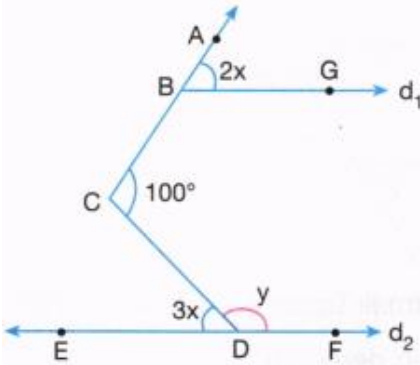
Şekilde $k // m$ olduğuna göre $x + y$ kaç derecedir?

53.



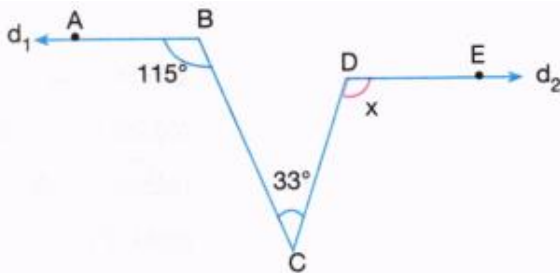
$$\begin{aligned} m(\widehat{ABG}) &= 2x \\ m(\widehat{BCD}) &= 105^\circ \\ m(\widehat{FDE}) &= 3x \\ d_1 // d_2 \text{ ise} \\ m(\widehat{HDE}) &= y \text{ kaç derecedir?} \end{aligned}$$

54.



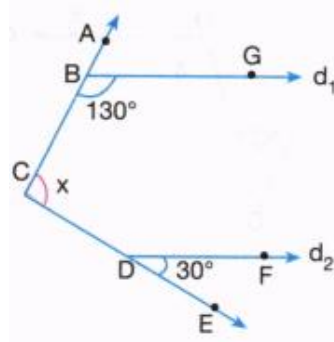
$$\begin{aligned} d_1 // d_2 \\ m(\widehat{ABG}) &= 2x \\ m(\widehat{ACD}) &= 100^\circ \\ m(\widehat{CDE}) &= 3x \text{ ise} \\ m(\widehat{CDF}) &= y \text{ kaç derecedir?} \end{aligned}$$

55.



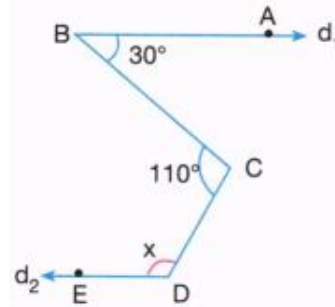
$$\begin{aligned} d_1 // d_2 \\ m(\widehat{ABC}) &= 115^\circ \\ m(\widehat{BCD}) &= 33^\circ \text{ ise} \\ m(\widehat{EDC}) &= x \text{ kaç derecedir?} \end{aligned}$$

56.



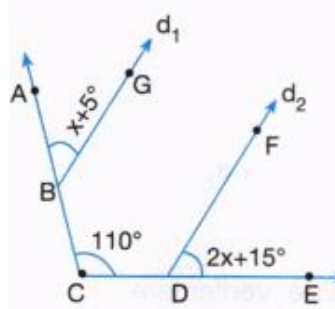
$$\begin{aligned} \text{Şekilde } d_1 // d_2 \\ m(\widehat{CBG}) &= 130^\circ \\ m(\widehat{EDF}) &= 30^\circ \text{ ise} \\ m(\widehat{ACE}) &= x \text{ kaç} \\ &\text{derecedir?} \end{aligned}$$

57.



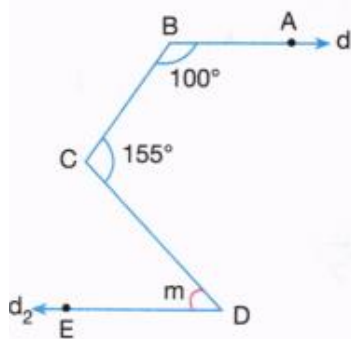
$$\begin{aligned} \text{Şekilde } d_1 // d_2 \\ m(\widehat{ABC}) &= 30^\circ \\ m(\widehat{BCD}) &= 110^\circ \\ \text{ise } m(\widehat{CDE}) &= x \\ &\text{kaç derecedir?} \end{aligned}$$

58.



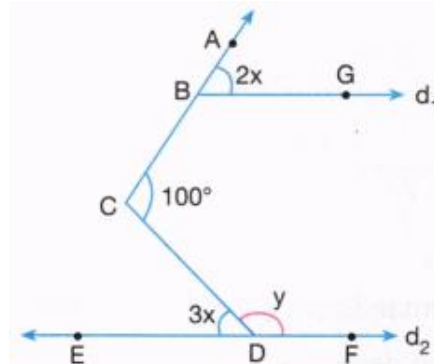
$$\begin{aligned} \text{Şekilde } d_1 // d_2 \\ m(\widehat{ABG}) &= x + 5^\circ \\ m(\widehat{FDE}) &= 2x + 15^\circ \\ m(\widehat{C}) &= 110^\circ \\ \text{olduğuna göre,} \\ x &\text{ kaçtır?} \end{aligned}$$

59.



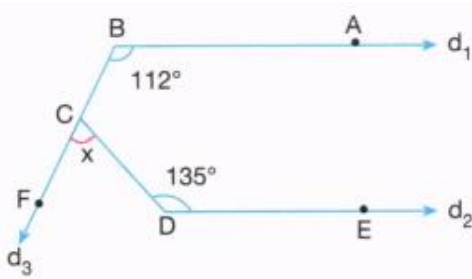
$$\begin{aligned} \text{Şekilde } d_1 // d_2 \\ m(\widehat{ABC}) &= 100^\circ \\ m(\widehat{BCD}) &= 155^\circ \\ \text{ise } m(\widehat{CDE}) &= m \\ &\text{kaç derecedir?} \end{aligned}$$

60.



$$\begin{aligned} d_1 // d_2 \\ m(\widehat{ABG}) &= 2x \\ m(\widehat{ACD}) &= 100^\circ \\ m(\widehat{CDE}) &= 3x \text{ ise} \\ m(\widehat{CDF}) &= y \text{ kaç derecedir?} \end{aligned}$$

61.



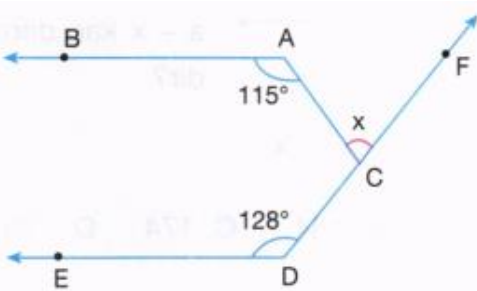
$$d_1 \parallel d_2$$

$$m(\widehat{FBA}) = 112^\circ$$

$$m(\widehat{CDE}) = 135^\circ \text{ ise}$$

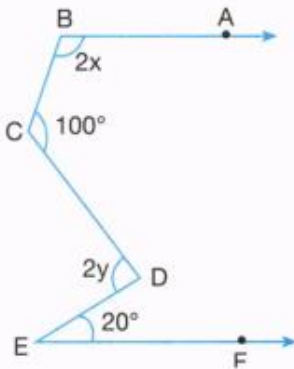
$$m(\widehat{FCD}) = x \text{ kaç derecedir?}$$

62.



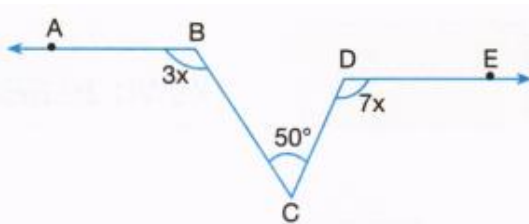
Şekilde $[AB \parallel DE]$, $m(\widehat{BAC}) = 115^\circ$,
 $m(\widehat{EDC}) = 128^\circ$ ise $m(\widehat{ACF}) = x$ kaç derecedir?

63.



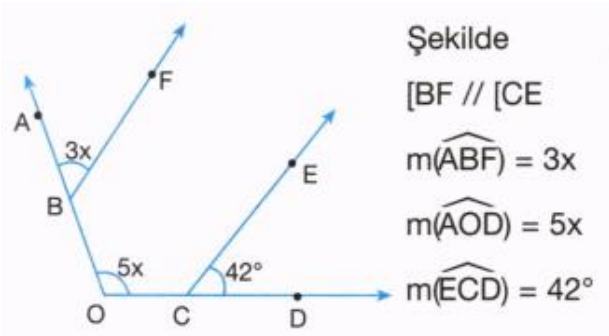
Şekilde $[BA \parallel EF]$, $m(\widehat{ABC}) = 2x$,
 $m(\widehat{BCD}) = 100^\circ$, $m(\widehat{CDE}) = 2y$ ve
 $m(\widehat{DEF}) = 20^\circ$ olduğuna göre,
 $x - y$ kaç derecedir?

64.



Şekilde $[BA \parallel DE]$, $m(\widehat{ABC}) = 3x$,
 $m(\widehat{EDC}) = 7x$ ve $m(\widehat{BCD}) = 50^\circ$
 olduğuna göre, x kaç derecedir?

65.



Şekilde

$$[BF \parallel CE]$$

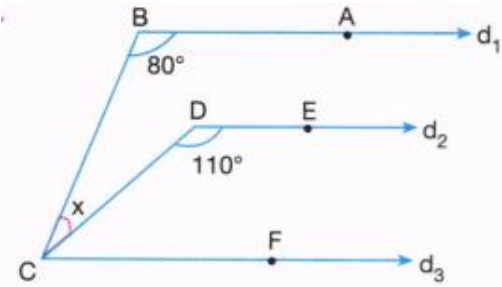
$$m(\widehat{ABF}) = 3x$$

$$m(\widehat{AOD}) = 5x$$

$$m(\widehat{ECD}) = 42^\circ$$

olduğuna göre, x kaç derecedir?

66.



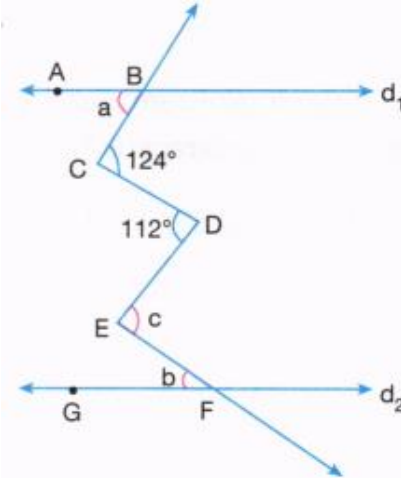
$$d_1 \parallel d_2 \parallel d_3$$

$$m(\widehat{ABC}) = 80^\circ$$

$$m(\widehat{EDC}) = 110^\circ \text{ ise}$$

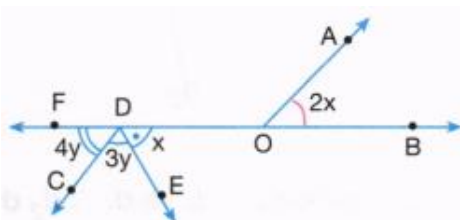
$$m(\widehat{BCD}) = x \text{ kaç derecedir?}$$

67.



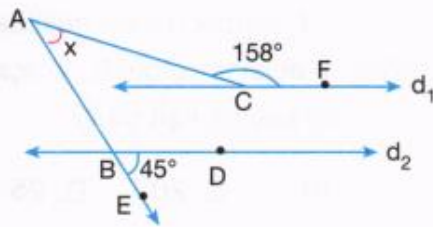
Şekilde $d_1 \parallel d_2$, $m(\widehat{ABC}) = a$,
 $m(\widehat{BCD}) = 124^\circ$, $m(\widehat{CDE}) = 112^\circ$,
 $m(\widehat{DEF}) = c$ ve $m(\widehat{EFG}) = b$ ise
 $a + b - c$ ifadesinin değeri kaç derecedir?

68.



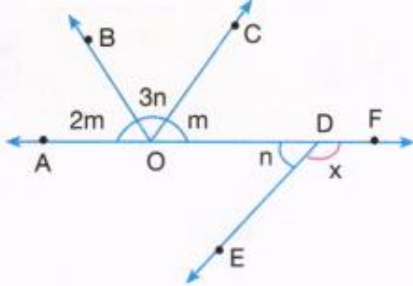
$[OA \parallel DC]$ ise şekilde verilenlere göre, y kaç derecedir?

69.



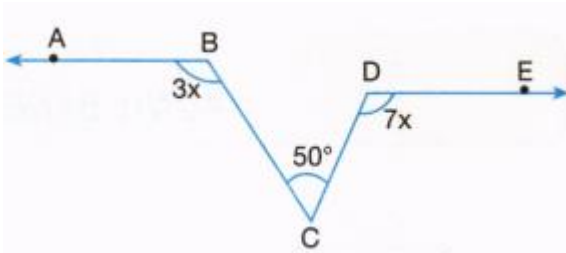
Şekilde $d_1 \parallel d_2$, $m(\widehat{ACF}) = 158^\circ$,
 $m(\widehat{EBD}) = 45^\circ$ ise $m(\widehat{BAC}) = x$ kaç derecedir?

70.



Şekilde $[OC \parallel [DE$,
 $m(\widehat{AOB}) = 2m$, $m(\widehat{BOC}) = 3n$, $m(\widehat{COD}) = m$,
 $m(\widehat{ADE}) = n$ ise $m(\widehat{EDF}) = x$ kaç derecedir?

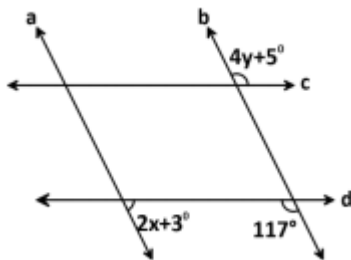
71.



Şekilde $[BA \parallel [DE$, $m(\widehat{ABC}) = 3x$,
 $m(\widehat{EDC}) = 7x$ ve $m(\widehat{BCD}) = 50^\circ$
 olduğuna göre, x kaç derecedir?

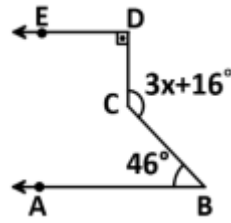
72.

Şekilde $a \parallel b$ ve $c \parallel d$ olduğuna göre $x + y$ kaç derecedir?

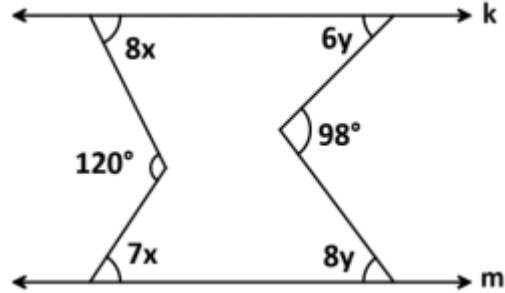


73.

Şekilde $[DE \parallel [BA$ olduğuna göre x kaç derecedir?

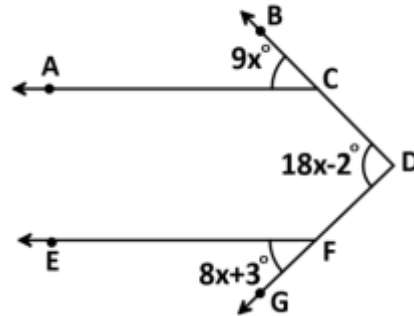


74.



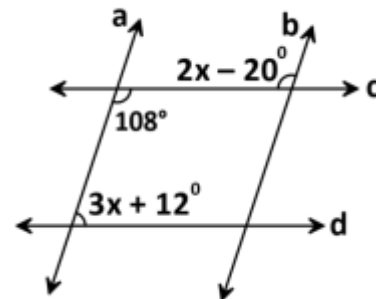
Şekilde $k \parallel m$ olduğuna göre $x + y$ kaç derecedir?

75.



Şekilde $[CA \parallel [FE$, $m(\widehat{BCA}) = 9x$, $m(\widehat{EDF}) = 8x+3^\circ$ ve
 $m(\widehat{CDF}) = 18x-2^\circ$ olduğuna göre x kaçtır?

76.



Yukarıdaki şekilde $a \parallel b$ ve $c \parallel d$ olduğuna göre $x + y$ kaç derecedir?