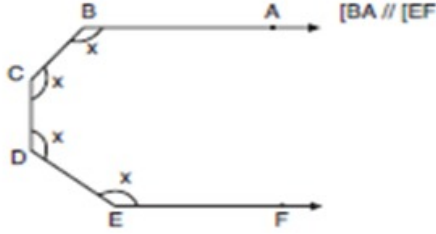


1.

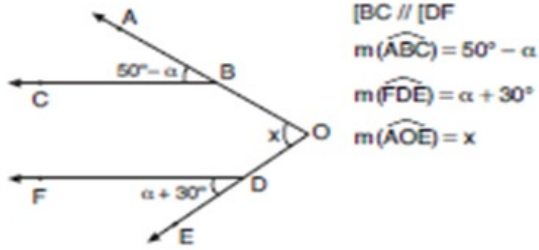


Şekilde $m(\widehat{ABC}) = m(\widehat{BCD}) = m(\widehat{CDE}) = m(\widehat{DEF}) = x$ dir.

Buna göre, x kaç derecedir?

- A) 90 B) 105 C) 120 D) 135 E) 140

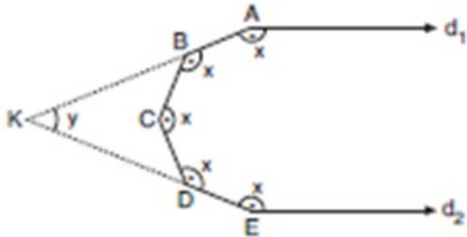
2.



Yukarıdaki verilere göre, x kaç derecedir?

- A) 60 B) 80 C) 100 D) 120 E) 140

3.

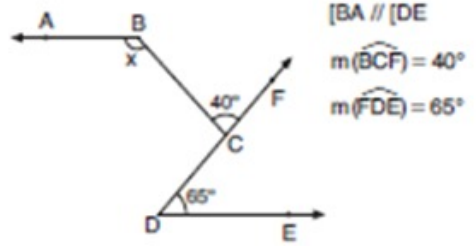


Şekilde $d_1 \parallel d_2$ dir.

$[AB \cap [ED = (K)$ olduğuna göre, $m(\widehat{AKE}) = y$ kaç derecedir?

- A) 36 B) 48 C) 60 D) 72 E) 80

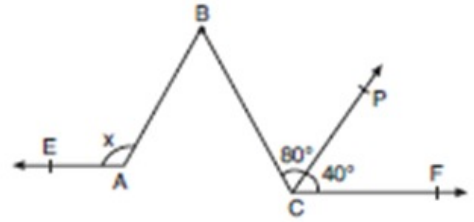
4.



Yukarıdaki verilere göre, $m(\widehat{ABC}) = x$ kaç derecedir?

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

5.

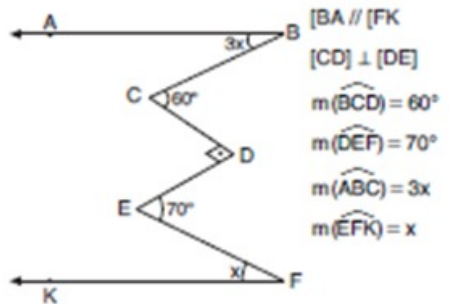


Şekilde $[AE \parallel [CF, [AB \parallel [CP, m(\widehat{PCF}) = 40^\circ$ dir.

Buna göre, $m(\widehat{BAE}) = x$ kaç derecedir?

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

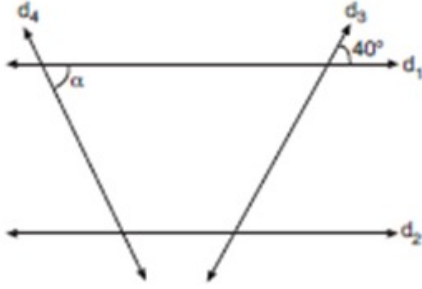
6.



Yukarıdaki verilere göre, $m(\widehat{ABC})$ kaç derecedir?

- A) 20 B) 30 C) 40 D) 50 E) 60

7.

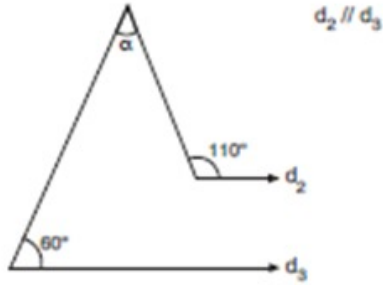


$$d_1 \parallel d_2, d_3 \perp d_4$$

Şekildeki verilere göre, α kaç derecedir?

- A) 50 B) 60 C) 65 D) 70 E) 80

8.

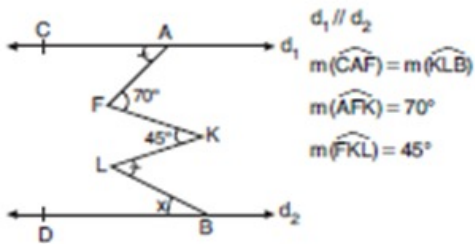


$$d_2 \parallel d_3$$

Şekildeki verilere göre, α kaç derecedir?

- A) 20 B) 30 C) 40 D) 50 E) 60

9.



$$d_1 \parallel d_2$$

$$m(\widehat{CAF}) = m(\widehat{KLB})$$

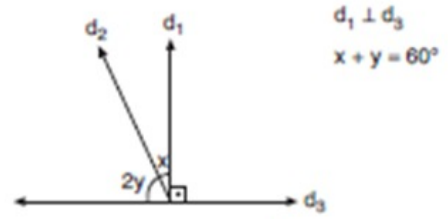
$$m(\widehat{AFK}) = 70^\circ$$

$$m(\widehat{FKL}) = 45^\circ$$

Yukarıdaki verilere göre, $m(\widehat{LBD}) = x$ kaç derecedir?

- A) 10 B) 20 C) 25 D) 30 E) 35

10.



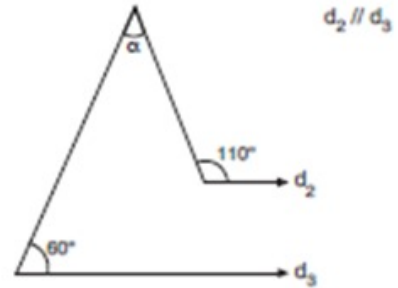
$$d_1 \perp d_3$$

$$x + y = 60^\circ$$

Yukarıdaki verilere göre, $\frac{x}{y}$ oranı kaçtır?

- A) $\frac{1}{2}$ B) 1 C) 2 D) $\frac{5}{2}$ E) 3

11.

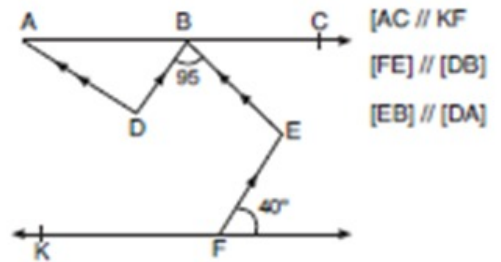


$$d_2 \parallel d_3$$

Şekildeki verilere göre, α kaç derecedir?

- A) 20 B) 30 C) 40 D) 50 E) 60

12.



$$[AC \parallel KF]$$

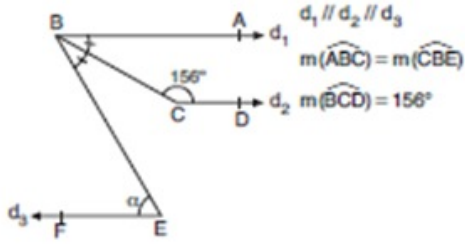
$$[FE \parallel DB]$$

$$[EB \parallel DA]$$

Şekildeki verilere göre, $m(\widehat{BAD})$ kaç derecedir?

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

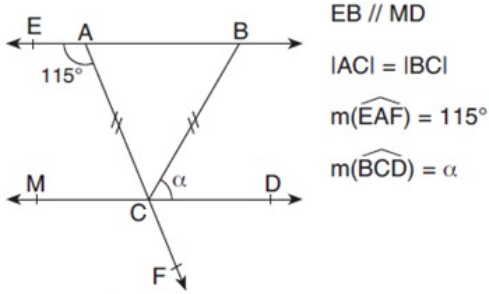
13.



Yukarıdaki verilere göre, $m(\widehat{BEF}) = \alpha$ kaç derecedir?

- A) 24 B) 32 C) 40 D) 48 E) 52

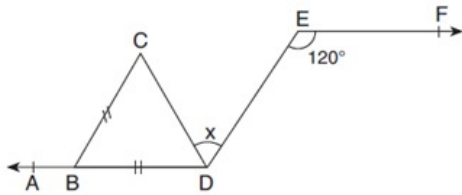
14.



Yukarıdaki verilere göre, α kaç derecedir?

- A) 60 B) 65 C) 70 D) 75 E) 80

15.

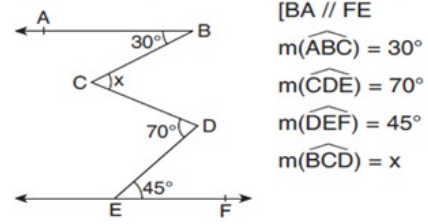


Şekilde $[EF // [DA, [BC] // [DE]$, $|BC| = |BD|$ ve $m(\widehat{DEF}) = 120^\circ$ dir.

Buna göre, $m(\widehat{CDE}) = x$ kaç derecedir?

- A) 40 B) 50 C) 60 D) 70 E) 80

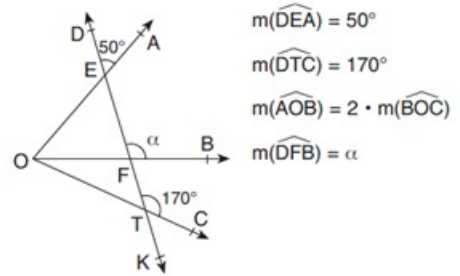
16.



Yukarıdaki verilere göre, x kaç derecedir?

- A) 35 B) 45 C) 55 D) 65 E) 75

17.



Yukarıdaki verilere göre, α kaç derecedir?

- A) 110 B) 120 C) 130 D) 140 E) 150

18.

Bir açının bütünleri ile tümlerinin farkı kaç dik açıdır?

- A) 1 B) 2 C) 3 D) 4 E) 5