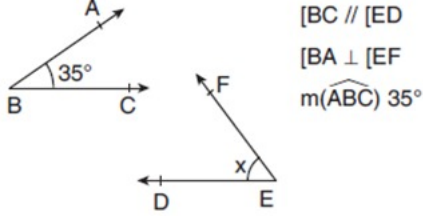


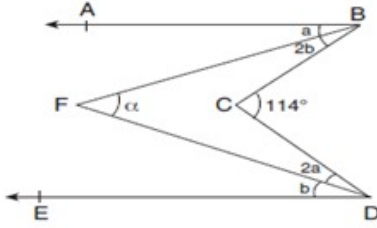
AÇILAR-3

1.



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

2.

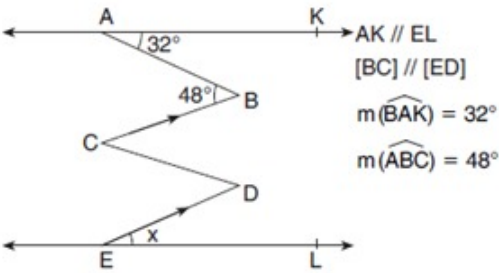


Şekilde $[BA // [DE$, $m(\widehat{CBF}) = 2m(\widehat{EDF}) = 2b$,
 $m(\widehat{FDC}) = 2m(\widehat{ABF}) = 2a$ ve $m(\widehat{BCD}) = 114^\circ$ dir.

Buna göre, $m(\widehat{BFD}) = \alpha$ kaç derecedir?

- A) 24 B) 36 C) 38 D) 42 E) 56

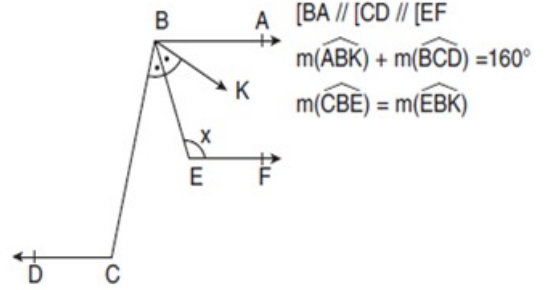
3.



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

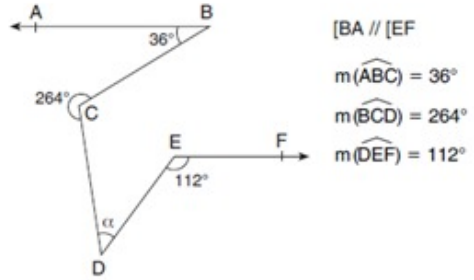
- A) 12 B) 14 C) 16 D) 18 E) 20

4.



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

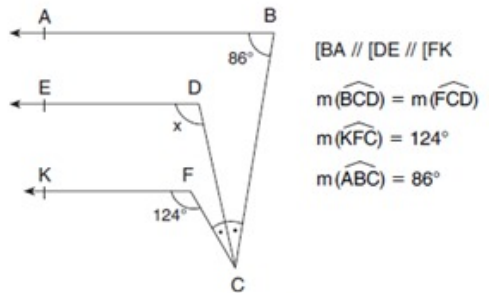
5.



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

- A) 46 B) 48 C) 50 D) 52 E) 56

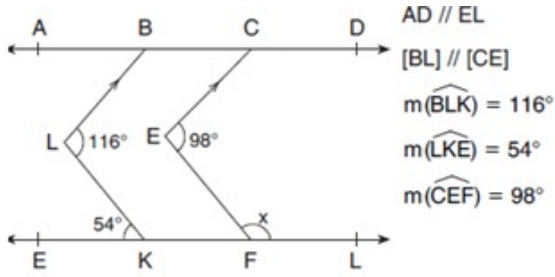
6.



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

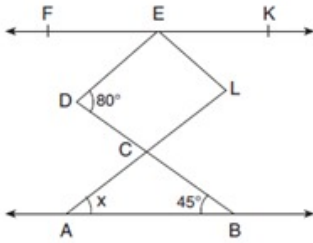
- A) 100 B) 105 C) 110 D) 115 E) 120

7.

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

- A) 132 B) 138 C) 140 D) 144 E) 152

8.

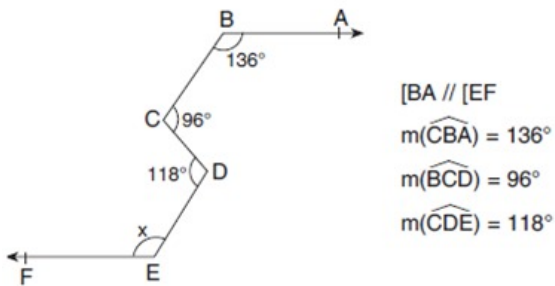
Şekilde $KF \parallel AB$,

$$2m(\widehat{FED}) = m(\widehat{DEL}), m(\widehat{ELA}) = 3m(\widehat{FED})$$

 $m(\widehat{EDB}) = 80^\circ$ ve $m(\widehat{DBA}) = 45^\circ$ dir.Buna göre, $m(\widehat{LAB}) = x$ kaç derecedir?

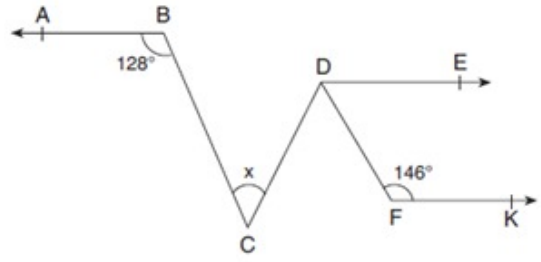
- A) 30 B) 35 C) 40 D) 45 E) 50

9.

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

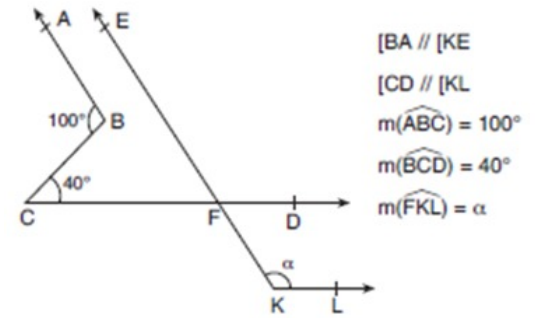
- A) 98 B) 104 C) 114 D) 116 E) 126

10.

Şekilde $[BA \parallel [DE \parallel [FK$, $m(\widehat{CDF}) = 2m(\widehat{EDF})$, $m(\widehat{ABC}) = 128^\circ$ ve $m(\widehat{DFK}) = 146^\circ$ dir.Buna göre, $m(\widehat{BCD}) = x$ kaç derecedir?

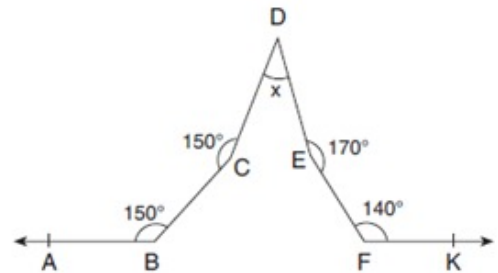
- A) 48 B) 50 C) 52 D) 54 E) 56

11.

Yukarıdaki verilere göre, α kaç derecedir?

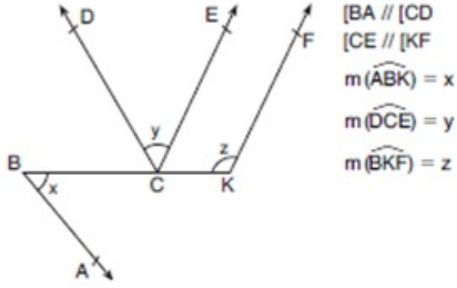
- A) 105° B) 110° C) 115° D) 120° E) 125°

12.

Şekilde $[BA \parallel [FK$, $m(\widehat{ABC}) = m(\widehat{BCD}) = 150^\circ$, $m(\widehat{DEF}) = 170^\circ$ ve $m(\widehat{EFK}) = 140^\circ$ dir.Buna göre, $m(\widehat{CDE}) = x$ kaç derecedir?

- A) 50 B) 55 C) 60 D) 65 E) 70

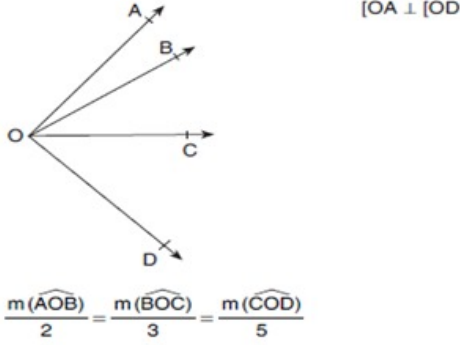
13.



Yukarıdaki verilere göre, z 'nin x ve y türünden eşiti aşağıdakilerden hangisidir?

- A) $x + y$ B) $x - y$ C) x D) $2x - y$ E) $y - x$

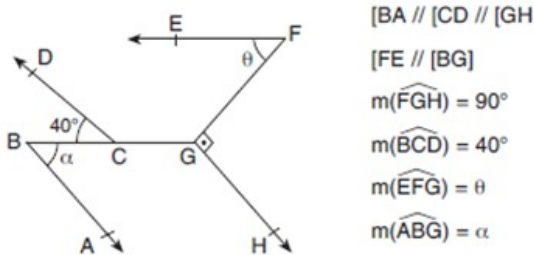
14.



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

- A) 81 B) 80 C) 78 D) 75 E) 72

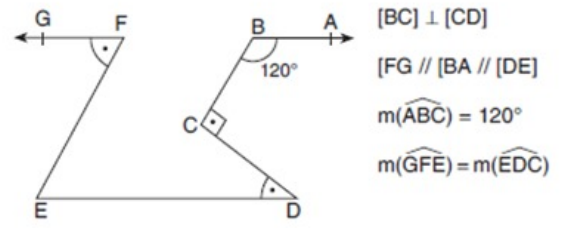
15.



Yukarıdaki verilere göre, $\theta - \alpha$ kaç derecedir?

- A) 5 B) 10 C) 15 D) 20 E) 25

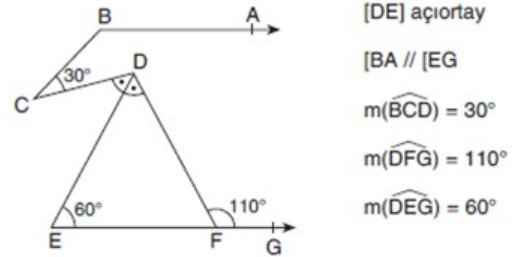
16.



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

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

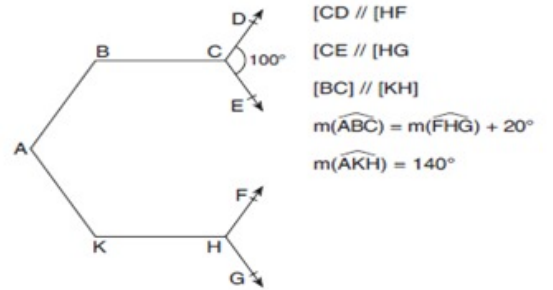
17.



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

- A) 110 B) 120 C) 125 D) 130 E) 140

18.



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

- A) 90 B) 95 C) 100 D) 110 E) 120

19.

Tümler iki açıdan birinin ölçüsü diğerinin ölçüsünün 4 katından 20 derece eksiktir.

Buna göre, küçük açının bütünleri kaç derecedir?

- A) 142 B) 148 C) 154 D) 158 E) 162