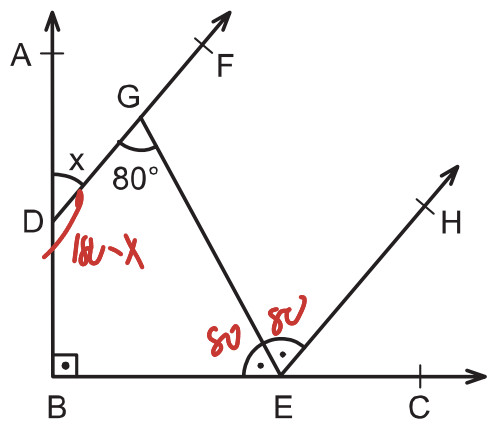
TEST - 3

1.



AB ⊥ BC

DF // EH

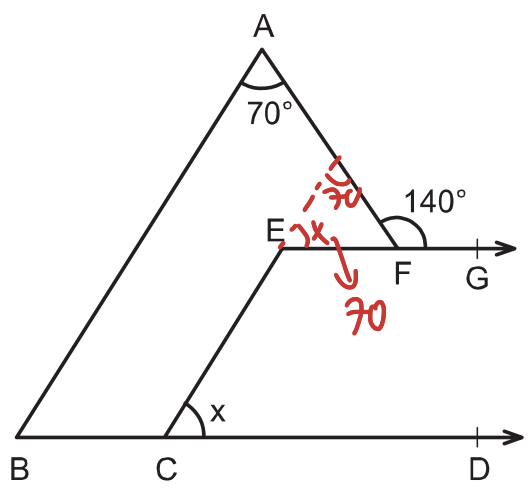
EG açıortay

$m(\widehat{DGE}) = 80°$

Yukarıda verilenlere göre, $m(\widehat{ADF}) = x$ kaç derecedir?

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

2.



EG // BD

AB // EC

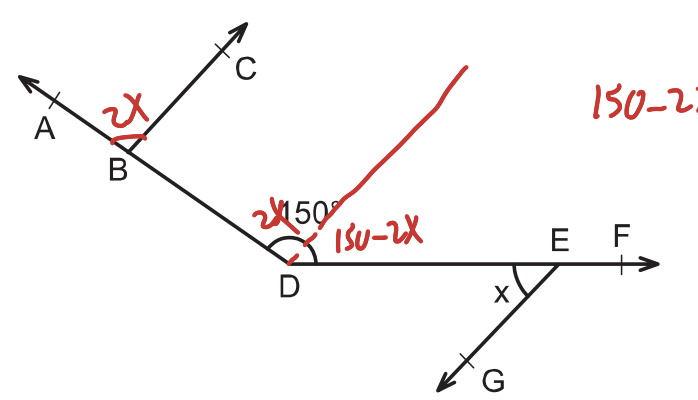
$m(\widehat{AFG}) = 140°$

$m(\widehat{BAF}) = 70°$

Yukarıda verilenlere göre, $m(\widehat{ECD}) = x$ kaç derecedir?

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

3.

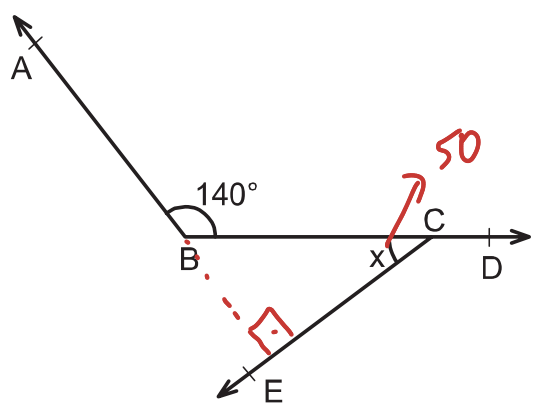


BC // EG, $m(\widehat{ABC}) = 2.m(\widehat{GED})$, $m(\widehat{ADF}) = 150°$

olduğuna göre, $m(\widehat{DEG}) = x$ kaç derecedir?

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

4.



AB ⊥ CE

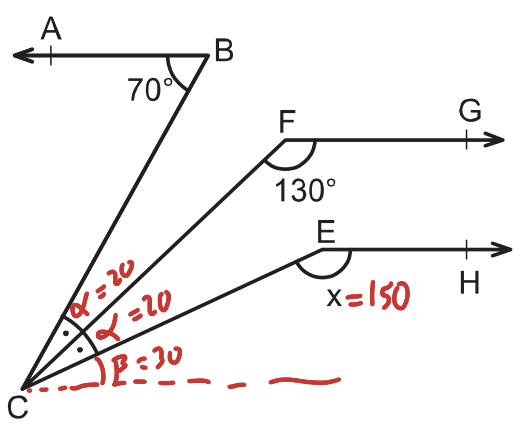
$m(\widehat{ABD}) = 140°$

Yukarıda verilenlere göre, $m(\widehat{BCE}) = x$ kaç derecedir?

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

karekök

5.



AB // FG // EH

$m(\widehat{BCF}) = m(\widehat{FCE})$

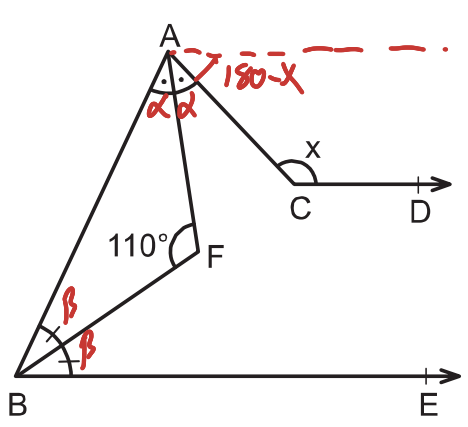
$m(\widehat{ABC}) = 70°$

$m(\widehat{CFG}) = 130°$

Yukarıda verilenlere göre, $m(\widehat{CEH}) = x$ kaç derecedir?

A) 130 B) 135 C) 140 D) 145 E) 150

6.



CD // BE

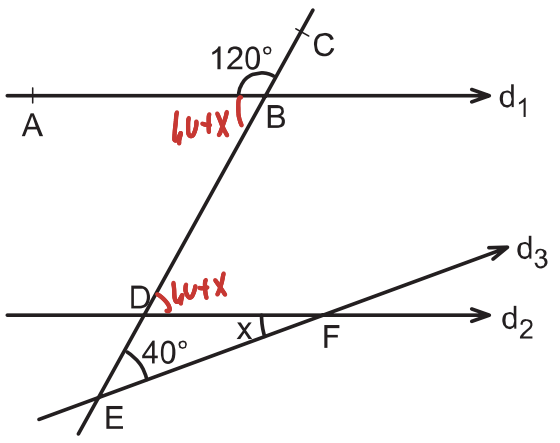
AF ve BF açıortay

$m(\widehat{AFB}) = 110°$

Yukarıda verilenlere göre, $m(\widehat{ACD}) = x$ kaç derecedir?

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

7.



d_1 // d_2

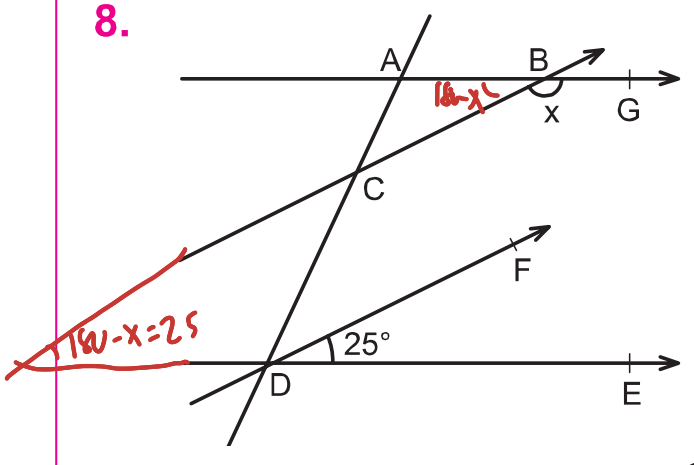
$m(\widehat{ABC}) = 120°$

$m(\widehat{CEF}) = 40°$

Yukarıda verilenlere göre, $m(\widehat{DFE}) = x$ kaç derecedir?

A) 10 B) 15 C) 20 D) 25 E) 30

8.



AG // DE

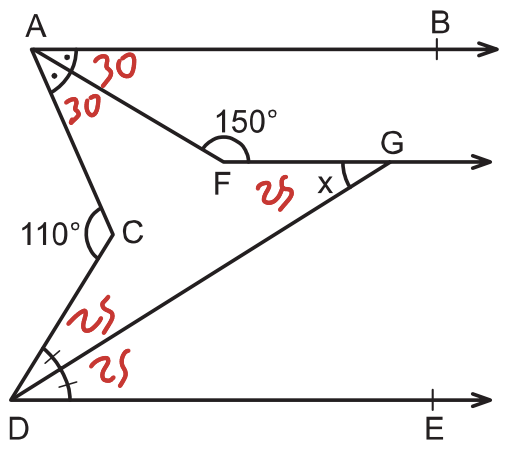
CB // DF

$m(\widehat{FDE}) = 25°$

Yukarıda verilenlere göre, $m(\widehat{CBG}) = x$ kaç derecedir?

A) 155 B) 150 C) 145 D) 140 E) 135

9.



AB // FG // DE

AF ve DG açıortay

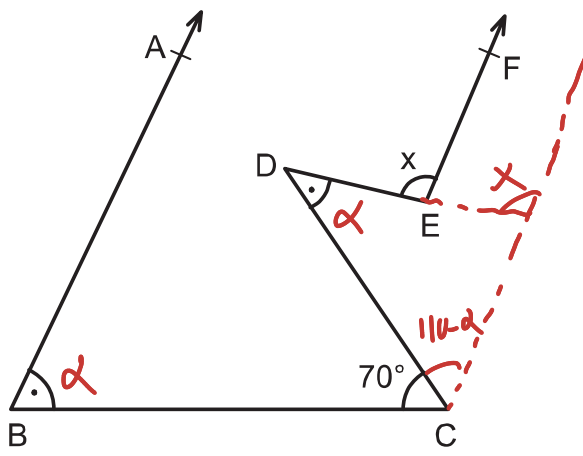
$m(\widehat{AFG}) = 150°$

$m(\widehat{ACD}) = 110°$

Yukarıda verilenlere göre, $m(\widehat{DGF}) = x$ kaç derecedir?

A) 25 B) 30 C) 35 D) 40 E) 45

10.



AB // EF

$m(\widehat{ABC}) = m(\widehat{CDE})$

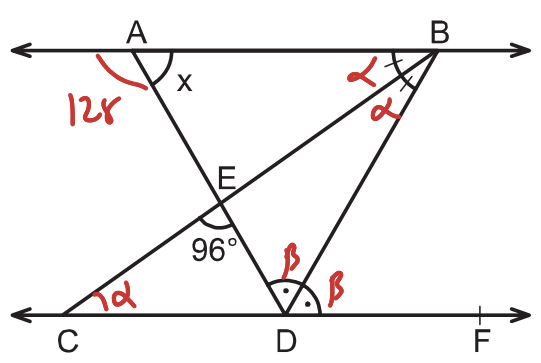
$m(\widehat{BCD}) = 70°$

$x = 110$

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

A) 110 B) 115 C) 120 D) 125 E) 130

11.



$\alpha+\beta=96$ / $\beta=2\alpha$ — $\alpha=32$, $\beta=64$

AB // CF

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

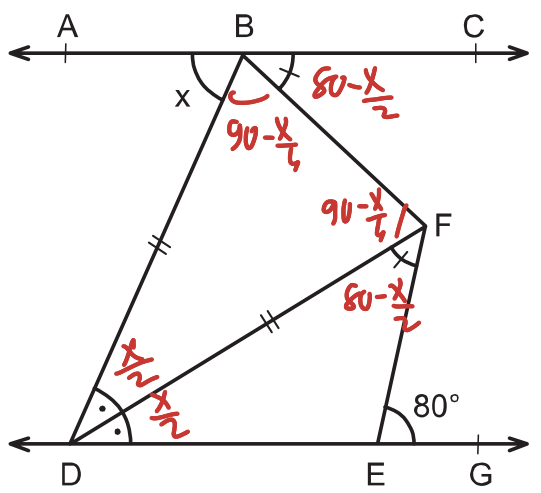
$m(\widehat{ADB}) = m(\widehat{BDF})$

$m(\widehat{CED}) = 96°$

Yukarıda verilenlere göre, $m(\widehat{BAD}) = x$ kaç derecedir?

A) 50 B) 52 C) 56 D) 58 E) 60

12.



AC // DG

$m(\widehat{CBF}) = m(\widehat{DFE})$

$m(\widehat{BDF}) = m(\widehat{FDG})$

$m(\widehat{FEG}) = 80°$

$|BD| = |DF|$

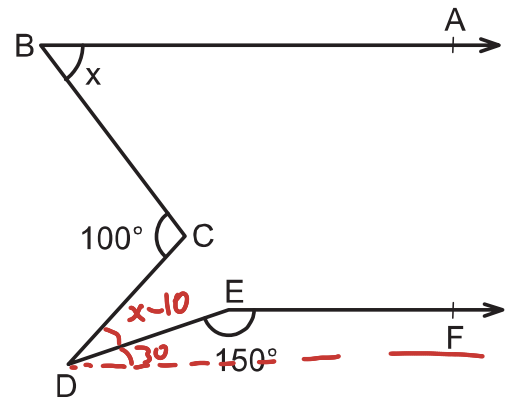
$170+\frac{x}{4}=180$

$x=40$

Yukarıda verilenlere göre, $m(\widehat{ABD}) = x$ kaç derecedir?

A) 30 B) 40 C) 50 D) 58 E) 60

13.



AB // EF

$m(\widehat{BCD}) = 100°$

$m(\widehat{DEF}) = 150°$

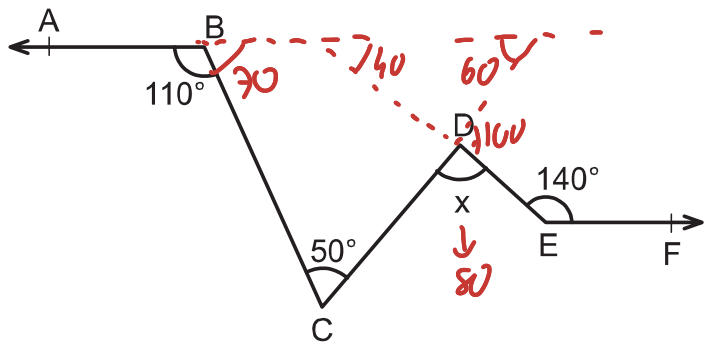
$2x+20=160$

$x=40$

$m(\widehat{ABC}) - m(\widehat{CDE}) = 10°$ ise $m(\widehat{ABC}) = x$ kaç derecedir?

A) 25 B) 30 C) 35 D) 40 E) 45

14.

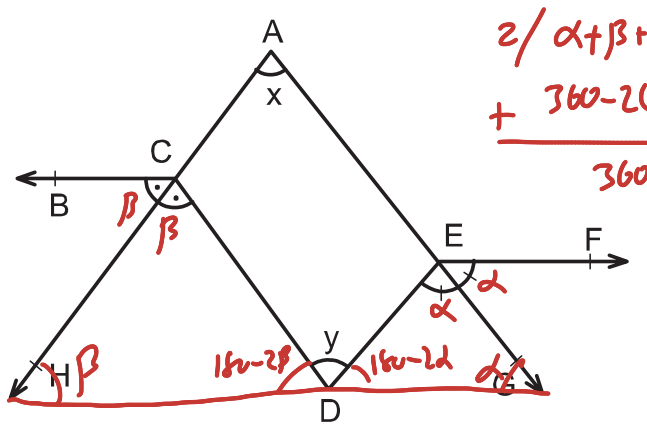


AB // EF, $m(\widehat{ABC}) = 110°$, $m(\widehat{BCD}) = 50°$, $m(\widehat{DEF}) = 140°$

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

A) 60 B) 70 C) 80 D) 90 E) 100

15.



$2/\ \alpha+\beta+x=180$

$+\ 360-2(\alpha+\beta)+y=180$

$360+2x+y=540$

$2x=180-y$

$x=90-\frac{y}{2}$

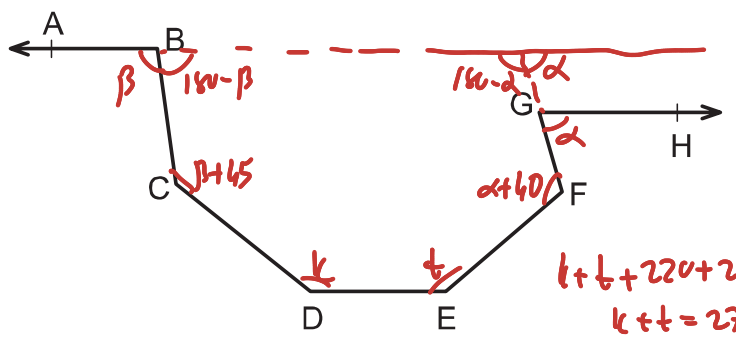
BC // EF, $m(\widehat{BCH}) = m(\widehat{HCD})$, $m(\widehat{DEG}) = m(\widehat{GEF})$

$m(\widehat{HAG}) = x$, $m(\widehat{CDE}) = y$ olduğuna göre, x in y türünden değeri aşağıdakilerden hangisidir?

A) $45° + \frac{y}{2}$ B) $45° - \frac{y}{2}$ C) $90° + \frac{y}{4}$

D) $90° - \frac{y}{2}$ E) y

16.



$k+k+220+225=4\cdot180$

$k+k=275$

$m(\widehat{GFE}) = m(\widehat{FGH}) + 40°$, $m(\widehat{BCD}) = m(\widehat{ABC}) + 45°$

AB // GH ise, $m(\widehat{CDE}) + m(\widehat{DEF})$ kaç derecedir?

A) 220 B) 235 C) 240 D) 255 E) 275

1	A	**2**	D	**3**	C	**4**	C	**5**	E	**6**	D	**7**	C	**8**	A	**9**	A	**10**	A	**11**	B	**12**	B	**13**	D	**14**	C	**15**	D	**16**	E