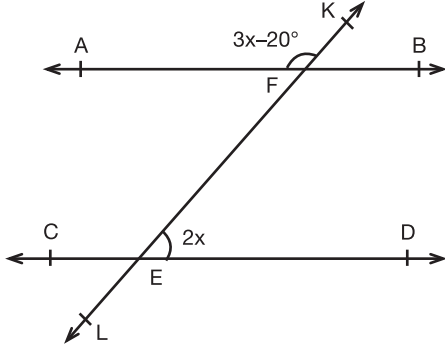


1.



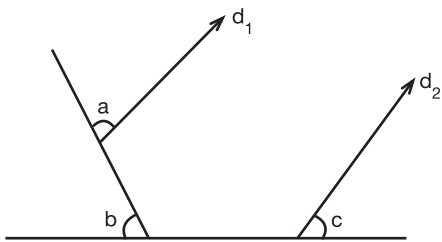
şekilde $AB \parallel CD$, $m(\widehat{AFK}) = 3x - 20^\circ$ ve

$m(\widehat{DEF}) = 2x$ ise

$m(\widehat{KFB})$ kaç derecedir?

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

2.

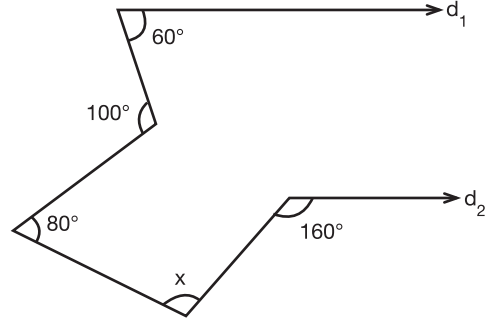


şekilde $d_1 \parallel d_2$ ve $a + c = 150^\circ$ ise

b kaç derecedir?

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

3.

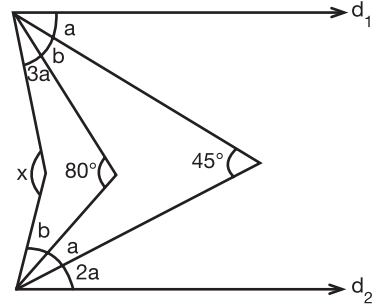


şekilde $d_1 \parallel d_2$ 'dir.

Verilenlere göre **x** kaç derecedir?

- A) 100 B) 120 C) 125 D) 130 E) 140

4.

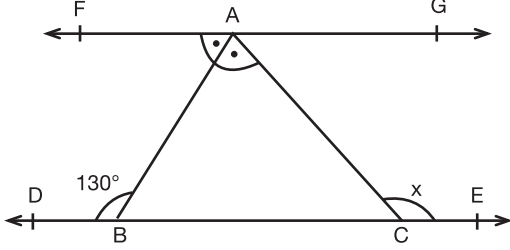


şekilde $d_1 \parallel d_2$ 'dir.

Verilenlere göre **x** kaç derecedir?

- A) 130 B) 145 C) 150 D) 155 E) 160

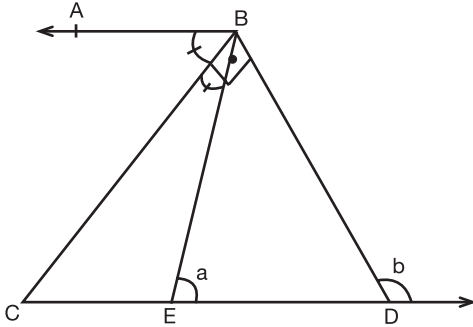
5.



Şekilde, $[FG] \parallel [DE]$, $m(\widehat{FAB}) = m(\widehat{BAC})$ ve $m(\widehat{DBA}) = 130^\circ$ ise $m(\widehat{ACE}) = x$ kaç derecedir?

- A) 85 B) 100 C) 110 D) 120 E) 125

6.

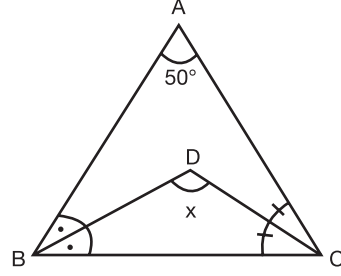


Şekilde $[BA] \parallel [CD]$, $[CB] \perp [BD]$,
 $m(\widehat{ABC}) = m(\widehat{CBE})$

ise a'nın b türünden eşiti aşağıdakilerden hangisidir?

- A) $2b - 180^\circ$ B) $b + 90^\circ$ C) $\frac{b}{2} + 90^\circ$
D) $2b + 180^\circ$ E) $b + 180^\circ$

7.

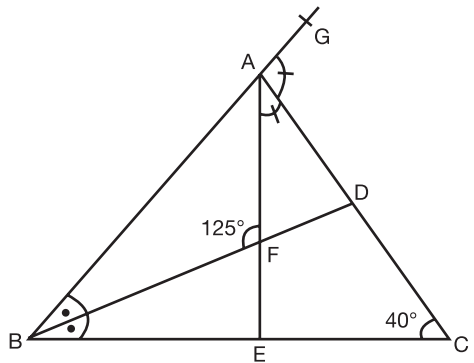


Şekilde $m(\widehat{ABD}) = m(\widehat{DBC})$, $m(\widehat{ACD}) = m(\widehat{DCB})$
ve $m(\widehat{BAC}) = 50^\circ$ ise

$m(\widehat{BDC}) = x$ kaç derecedir?

- A) 100 B) 110 C) 115 D) 120 E) 125

8.

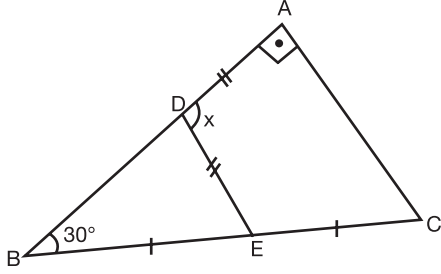


Şekilde $m(\widehat{GBD}) = m(\widehat{DBC})$, $m(\widehat{EAC}) = m(\widehat{CAG})$,
 $m(\widehat{BCA}) = 40^\circ$ ve $m(\widehat{BFA}) = 125^\circ$ ise

$m(\widehat{ABC})$ kaç derecedir?

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

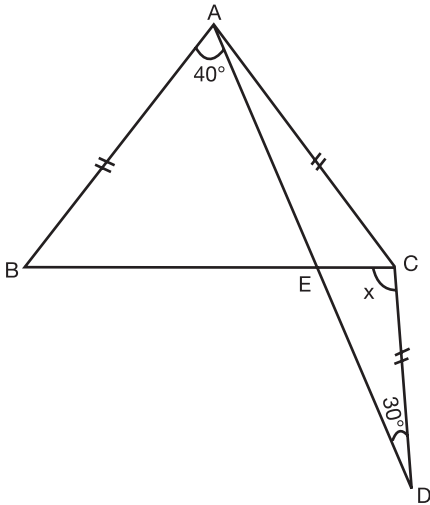
9.



Şekildeki ABC üçgeninde, $[AB] \perp [AC]$,
 $IADI = IDEI$, $IBEI = IECI$ ve $m(\widehat{ABC}) = 30^\circ$ ise
 $m(\widehat{ADE}) = x$ kaç derecedir?

- A) 90 B) 95 C) 100 D) 115 E) 120

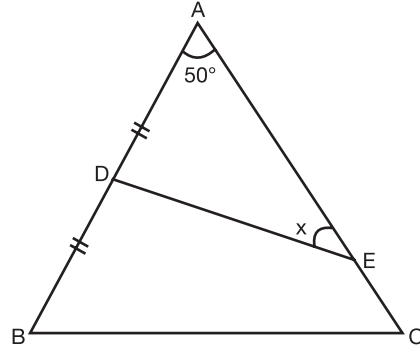
10.



Şekildeki ABC üçgeninde $IABI = ICDI = IACI$,
 $m(\widehat{BAD}) = 40^\circ$ ve $m(\widehat{ADC}) = 30^\circ$ ise
 $m(\widehat{BCD}) = x$ kaç derecedir?

- A) 65 B) 70 C) 75 D) 80 E) 85

11.

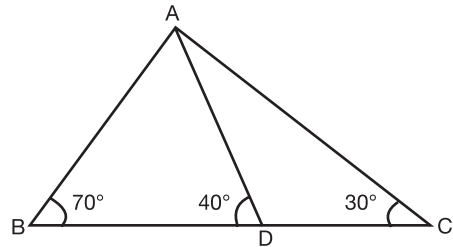


Şekildeki ABC üçgeninde,
 $IABI = IACI$, $IADI = IDBI$, $m(\widehat{BAC}) = 50^\circ$ ve
 $IECI + IBCI = IAEI$ ise
 $m(\widehat{AED}) = x$ kaç derecedir?

- A) 32 B) 32,5 C) 35 D) 37,5 E) 40

Tasarı Eğitim Yayınları

12.

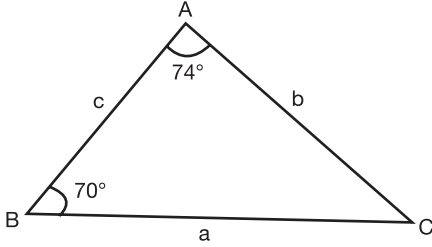


Şekilde, $m(\widehat{ABC}) = 70^\circ$, $m(\widehat{ADB}) = 40^\circ$ ve
 $m(\widehat{ACB}) = 30^\circ$ ise

aşağıdakilerden hangisi yanlıştır?

- A) $IADI > IABI$ B) $IBCI > IACI$
 C) $IDCI > IADI$ D) $IACI > IADI$
 E) $IBDI > IABI$

13.



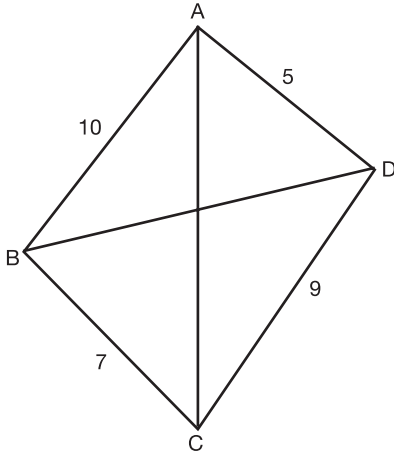
Şekildeki ABC üçgeninde $m(\widehat{ABC}) = 70^\circ$ ve $m(\widehat{BAC}) = 74^\circ$ ise

$$|a - b| - |b - c| - |c - a|$$

ifadesinin eşiti aşağıdakilerden hangisidir?

- A) 0 B) $a - b$ C) $b - c$
D) $2b + c$ E) $2c - 2b$

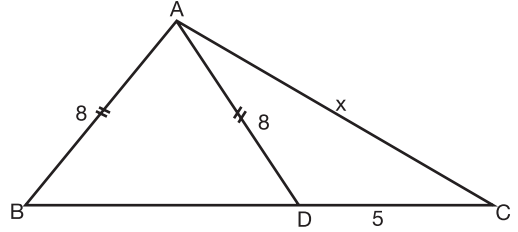
14.



Şekilde $AD = 5$ br, $AB = 10$ br, $DC = 9$ br ve $BC = 7$ br ise $AC + BD$ 'nin en büyük tamsayı değeri kaçtır?

- A) 26 B) 27 C) 28 D) 29 E) 30

15.



Şekildeki ABC üçgeninde $AB = AD = 8$ br ve $DC = 5$ br ise $AC = x$ 'in alabileceği en küçük tamsayı değeri kaçtır?

- A) 9 B) 10 C) 11 D) 12 E) 13

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