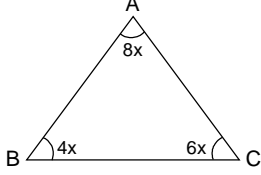


Üçgende Açılar

Geometri 02

1.



$$m(\hat{A}BC) = 4x$$

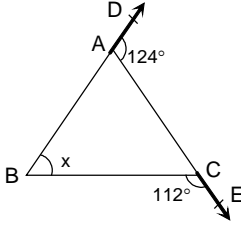
$$m(\hat{A}CB) = 6x$$

$$m(\hat{B}AC) = 8x$$

$$m(\hat{A}BC) = ?$$

- A) 30 B) 40 C) 50 D) 60 E) 80

2.



ABC üçgeninde,

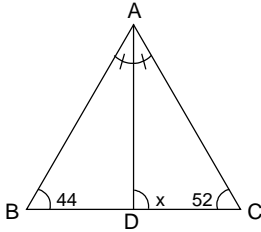
$$m(\hat{C}AD) = 124^\circ$$

$$m(\hat{B}CE) = 112^\circ$$

$$m(\hat{A}BC) = x = ?$$

- A) 52 B) 56 C) 62 D) 66 E) 68

3.



ABC üçgeninde,

$$m(\hat{A}BC) = 44^\circ$$

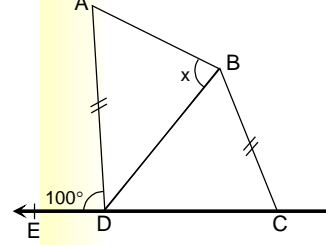
$$m(\hat{A}CD) = 52^\circ$$

[AD] açıortaydır.

$$m(\hat{A}DC) = x = ?$$

- A) 80 B) 82 C) 84 D) 86 E) 88

4.



Şekilde BCD eşkenar üçgendir.

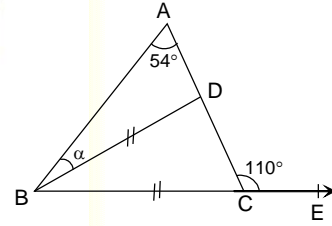
$$|AD| = |BC|$$

$$m(\hat{A}DE) = 100^\circ$$

$$m(\hat{A}BD) = x = ?$$

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

5.



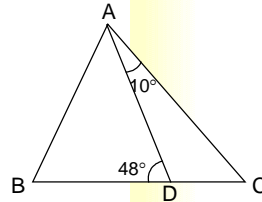
$$|BD| = |BC|$$

$$m(\hat{B}AC) = 54^\circ, m(\hat{D}CE) = 110^\circ$$

$$m(\hat{A}BD) = \alpha = ?$$

- A) 12 B) 16 C) 24 D) 26 E) 34

6.



$$|AC| = |BC|$$

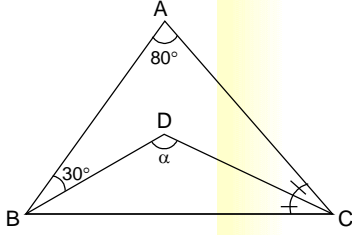
$$m(\hat{D}AC) = 10^\circ$$

$$m(\hat{B}DA) = 48^\circ$$

$$m(\hat{D}AB) = ?$$

- A) 61 B) 69 C) 71 D) 73 E) 77

7.



$|AB| = |AC|$
 $[CD]$ açıortay,

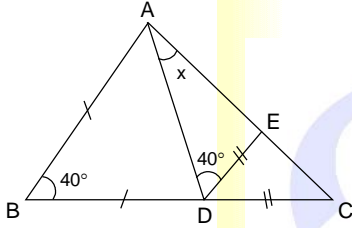
$$m(\hat{A}BD) = 30^\circ$$

$$m(\hat{B}AC) = 80^\circ$$

$$m(\hat{B}DC) = \alpha = ?$$

- A) 105 B) 110 C) 125 D) 130 E) 135

8.



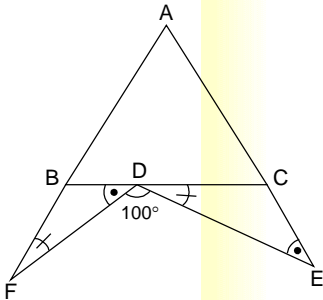
$|AB| = |BD|$
 $|ED| = |DC|$

$$m(\hat{A}BC) = m(\hat{A}DE) = 40^\circ$$

$$m(\hat{D}AC) = x = ?$$

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

9.



Şekilde B, D, C doğrusaldır.

$$m(\hat{B}FD) = m(\hat{C}DE)$$

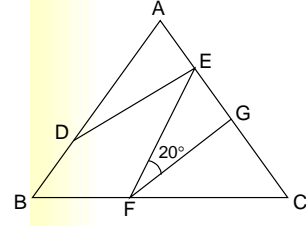
$$m(\hat{B}DF) = m(\hat{C}ED)$$

$$m(\hat{F}DE) = 100^\circ$$

$$m(\hat{F}AE) = ?$$

- A) 20 B) 30 C) 40 D) 50 E) 80

10.



$[AB] \parallel [EF], [DE] \parallel [FG]$

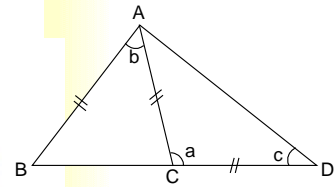
$$3m(\hat{A}DE) = m(\hat{B}AC)$$

$$m(\hat{G}FE) = 20^\circ$$

$$m(\hat{F}GC) = ?$$

- A) 50 B) 60 C) 70 D) 80 E) 90

11.



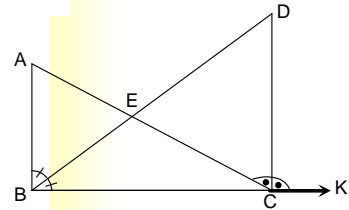
$|AB| = |AC| = |CD|$

$$m(\hat{B}AC) = b, m(\hat{A}CD) = a, m(\hat{C}DA) = c$$

$$a + b = 210 \Rightarrow c = ?$$

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

12.



$|BC| = |CD|$

$[BD]$ ve $[CD]$ açıortaydırlar.

$$m(\hat{C}ED) = 60^\circ$$

$$m(\hat{B}AC) = ?$$

- A) 30 B) 40 C) 60 D) 70 E) 80

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