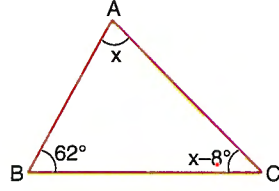


## ALİŞTIRMALAR



1.

 $m(\widehat{C})$  kaç derecedir?

A) 55

B) 57

C) 59

D) 61

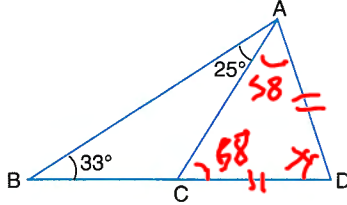
E) 63

$$2x = 126 \quad x = 63$$

$$x - 8 = 55$$

$$x + 62 + x - 8 = 180 \quad 2x + 54 = 180$$

2.

 $|CD| = |AD|$  ise  $m(\widehat{ADC})$  kaç derecedir?

A) 55

B) 58

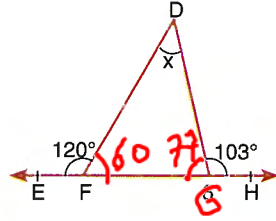
C) 62

D) 64

E) 69

$$x + 116 = 180 \quad x = 64$$

3.

 $m(\widehat{FDG})$  kaç derecedir?

A) 43

B) 60

C) 77

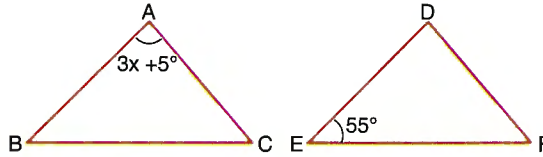
D) 80

E) 89

$$x + 60 + 77 = 180 \quad x = 180 - 137 = 43$$

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4.

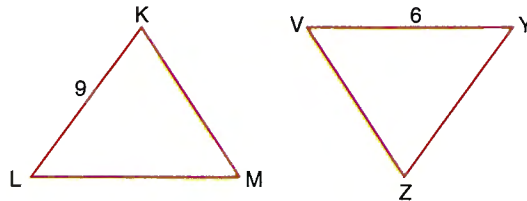
 $\triangle ABC \cong \triangle DEF$  ise x kaçtır?

$$m(\widehat{A}) = m(\widehat{E})$$

$$3x + 5 = 55$$

$$3x = 50 \quad x = \frac{50}{3}$$

5.

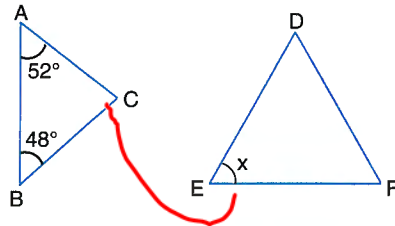
 $\triangle KLM \cong \triangle YZV$  ise  $|YZ| + |KM|$  kaçtır?

$$|KL| = |YZ| \quad 9 = 1421$$

$$|KM| = |YV| + |KM| = 6$$

$$|LM| = |ZV| \quad |KM| + |YZ| = 15$$

6.

 $\triangle ABC \cong \triangle DEF$  ise x kaç derecedir?

$$m(\widehat{E}) = m(\widehat{C})$$

$$x = 80$$

$$180 - (52 + 48)$$

$$180 - 100$$

$$80$$

$$x = 80$$

7. ABC üçgeninde  $a = 6$  cm,  $b = 15$  cm,  $c = 11$  cm olduğuna göre bu üçgenin açılarının sıralanışını bulunuz.



$$m(B) > m(C) > m(A) \quad (15 > 11 > 6)$$