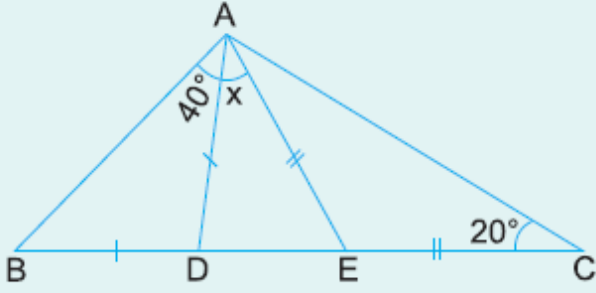


9. Sınıf Matematik Üçgenler Testi Çöz 3

1.



ABC bir üçgen

$$m(\widehat{BAD}) = 40^\circ$$

$$m(\widehat{ACB}) = 20^\circ$$

$$|AD| = |BD|$$

$$|AE| = |EC|$$

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

A) 40

B) 50

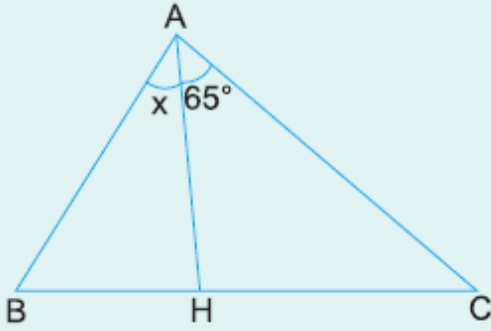
C) 55

D) 60

E) 70

Cevap :

2.



ABC üçgeninde

[AH] BC kenarına
ait yükseklik,

$$m(\widehat{HAC}) = 65^\circ$$

$$m(\widehat{ABC}) = 2m(\widehat{ACB})$$

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

A) 25

B) 30

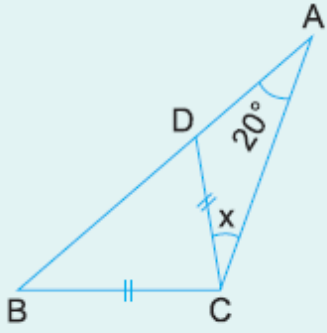
C) 40

D) 45

E) 50

Cevap : C

3.



ABC bir üçgen

$$|CD| = |CB|$$

$$m(\widehat{BAC}) = 20^\circ$$

$$m(\widehat{BCD}) = 2m(\widehat{DCA})$$

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

A) 15

B) 20

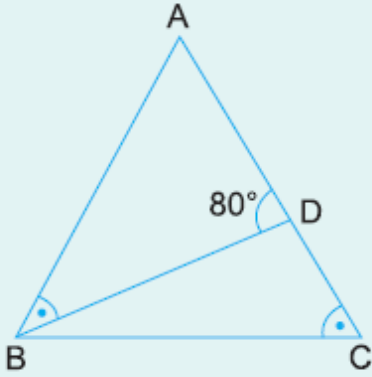
C) 25

D) 30

E) 35

Cevap : C

4.



ABC bir üçgen

$$m(\widehat{ABD}) = m(\widehat{ACB})$$

$$m(\widehat{ADB}) = 80^\circ$$

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

A) 85

B) 80

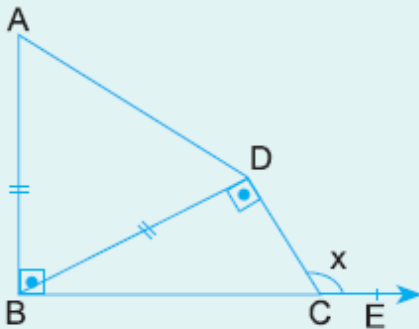
C) 75

D) 70

E) 50

Cevap : B

5.



$$[AB] \perp [BE]$$

$$[BD] \perp [DC]$$

$$m(\widehat{BAD}) = 2m(\widehat{DBC})$$

$$m(\widehat{DCE}) = x$$

Yukarıdaki verilere göre, x kaç derecedir?

A) 100

B) 120

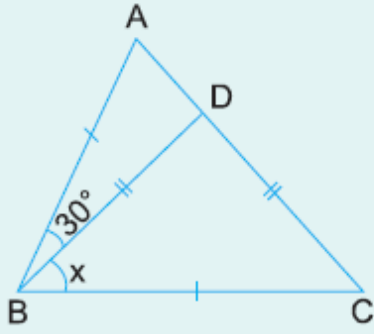
C) 125

D) 130

E) 135

Cevap : B

6.



ABC bir üçgen

$$|AB| = |BC|$$

$$|BD| = |DC|$$

$$m(\widehat{ABD}) = 30^\circ$$

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

A) 50

B) 45

C) 40

D) 35

E) 30

Cevap : A