

..... Anadolu Lisesi
2009-2010 Eğitim-Öğretim Yılı II.Dönem
10FEN-A Sınıfı GEOMETRİ I.Yazılı Sınav Soruları-B

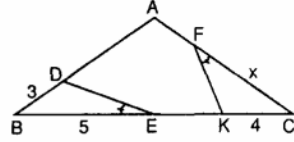
Adı Soyadı:

No:

Puanı:

1.

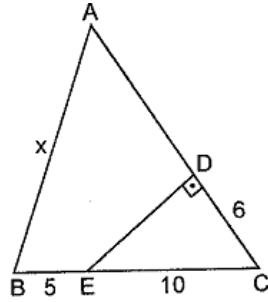
ABC üçgeninde
 $|AB| = |AC|$
 $m(\widehat{BED}) = m(\widehat{KFC})$
 $|DB| = 3$ cm
 $|KC| = 4$ cm
 $|BE| = 5$ cm ise,



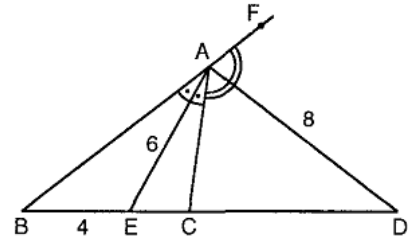
$|FC| = x$ kaç cm dir?

2.

Şekilde;
 $[ED] \perp [AC]$
 $|EC| = 10$ cm
 $|DC| = 6$ cm
 $|AD| = 12$ cm
 $|BE| = 5$ cm ise
 $|AB| = x$ kaç cm dir?



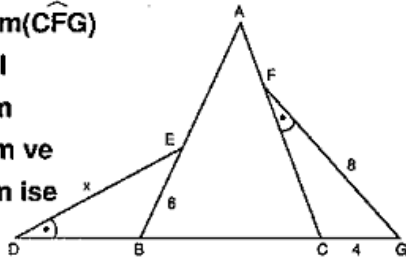
4.



ABD üçgen, $[AE]$ ve $[AD]$ açıortay, B, A, F doğrusal
 $|BE| = 4$ cm, $|AE| = 6$ cm, $|AD| = 8$ cm olduğuna göre,
 $|EC|$ kaç cm dir?

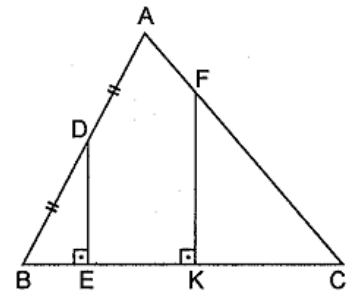
3.

Şekilde;
 $m(\widehat{EDB}) = m(\widehat{CFG})$
 $|AB| = |AC|$
 $|EB| = 6$ cm
 $|CG| = 4$ cm ve
 $|FG| = 8$ cm ise
 $|DE| = x$
kaç cm dir?

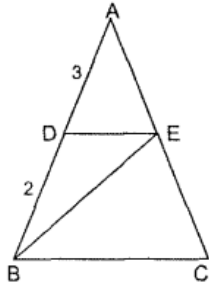


5.

Şekilde;
 $[DE] \perp [BC]$
 $[FK] \perp [BC]$
 $|AD| = |DB|$
 $|FC| = 4|AF|$
 $|DE| = 5$ cm ise
 $|FK|$ kaç cm dir?



6.

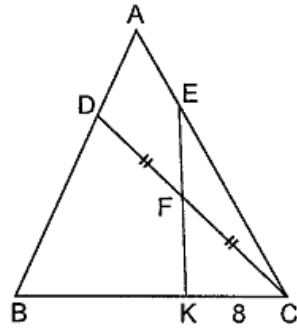


ABC üçgen
 $[DE] \parallel [BC]$
 $A(BDE) = 6 \text{ cm}^2$
 $|AD| = 3 \text{ cm}$
 $|BD| = 2 \text{ cm}$

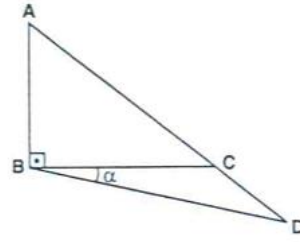
olduğuna göre, $A(ABC)$ kaç cm^2 dir?

7.

Şekilde;
 $3|AD| = 2|BD|$
 $|CE| = 2|AE|$
 $|DF| = |FC|$
 $|KC| = 8 \text{ cm}$ ise
 $|BK|$ kaç cm dir?



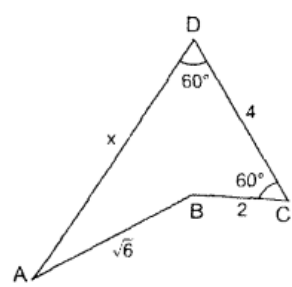
8.



ABC ikizkenar dik üçgen
 $C \in [AD]$
 $|AC| = |BD|$
 $m(\widehat{CBD}) = \alpha$

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

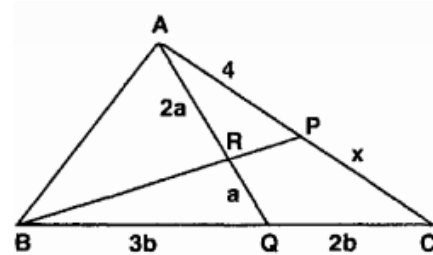
9.



$m(\widehat{ADC}) = m(\widehat{BCD}) = 60^\circ$
 $|AB| = \sqrt{6} \text{ cm}$
 $|BC| = 2 \text{ cm}$
 $|CD| = 4 \text{ cm}$
 $|AD| = x$

Yukarıdaki veriler göre, x kaç cm dir?

10.



$x = ?$

Not: Her sorunun doğru cevabı 10 puan olup süre bir ders saatidir.

Mat.Öğrt.

Başarılar