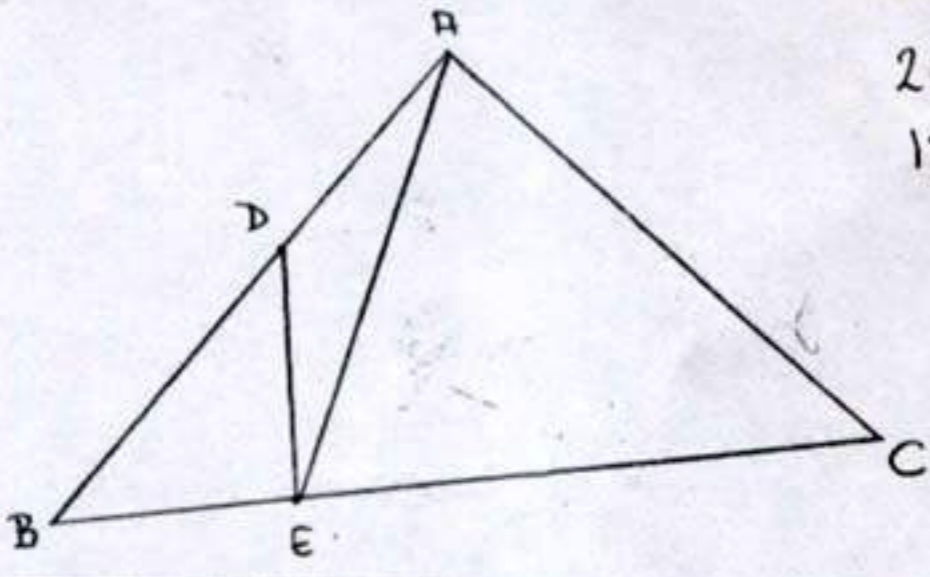


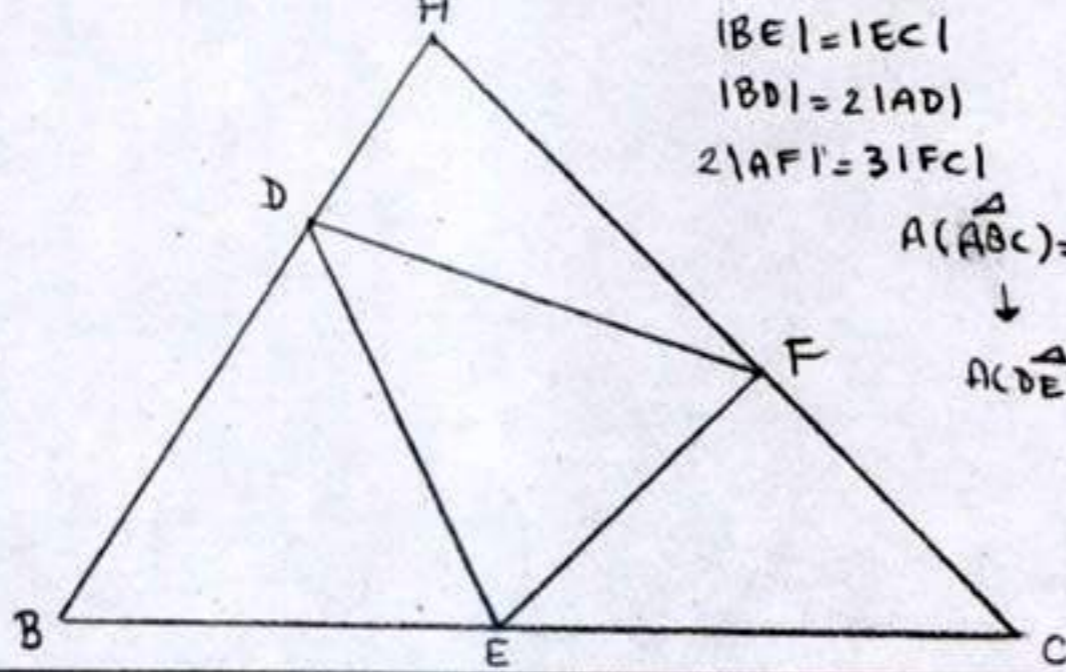
Sınıf	Ad Soyad	ARNAVUTKÖY KORKMAZ YİĞİT ANADOLU LİSESİ 2008-2009 EĞİTİM VE ÖĞRETİM YILI 10. Sınıf II. DÖNEM I. Geometri YAZILISI
	No	

1
10 puan



$2|BD| = 3|AD|$
 $|BC| = 4|BE|$
 $A(\triangle ADE) = 10$
 \downarrow
 $A(\triangle ABC) = ?$

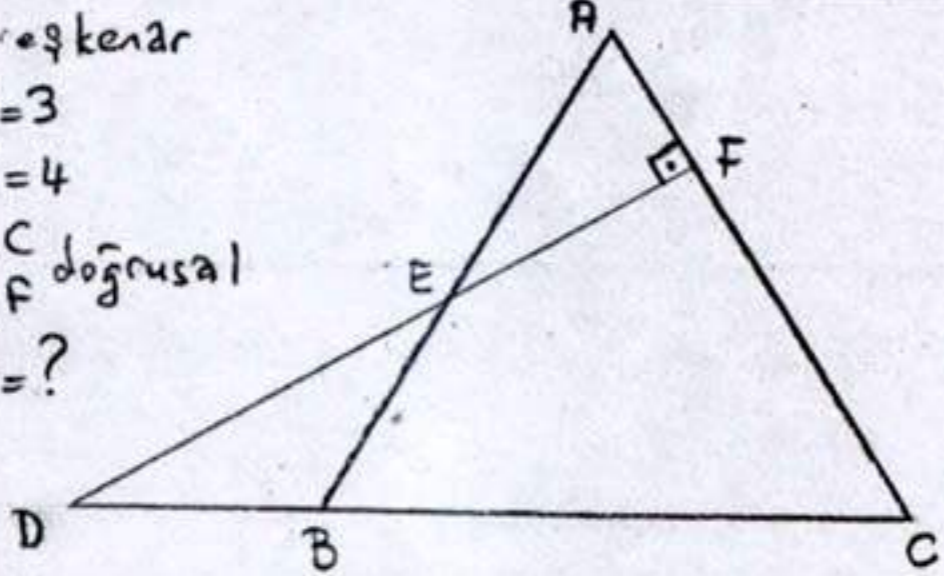
2
10 puan



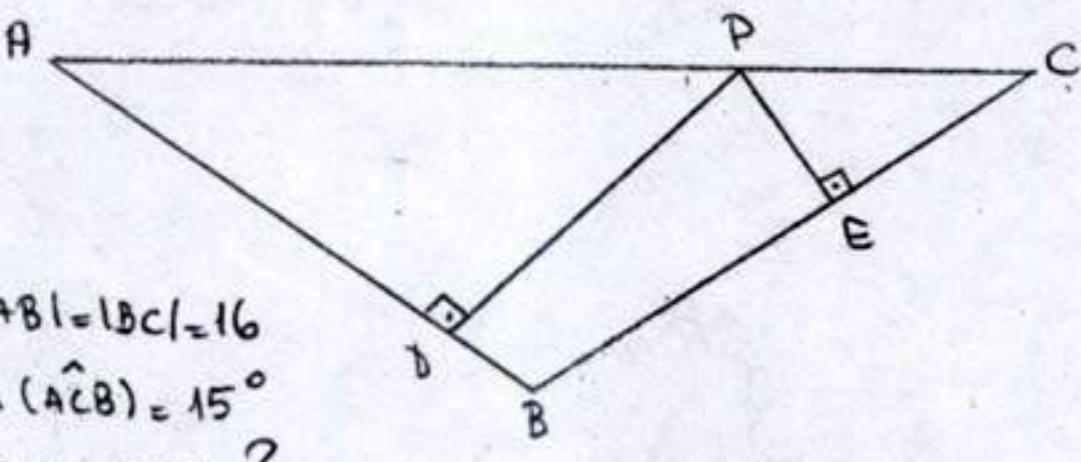
$|BE| = |EC|$
 $|BD| = 2|AD|$
 $2|AF| = 3|FC|$
 $A(\triangle ABC) = 60$
 \downarrow
 $A(\triangle DEF) = ?$

3
10 puan

$\triangle ABC$ eşkenar
 $|AF| = 3$
 $|DB| = 4$
 D, B, C doğrusal
 D, E, F doğrusal
 $|FC| = ?$

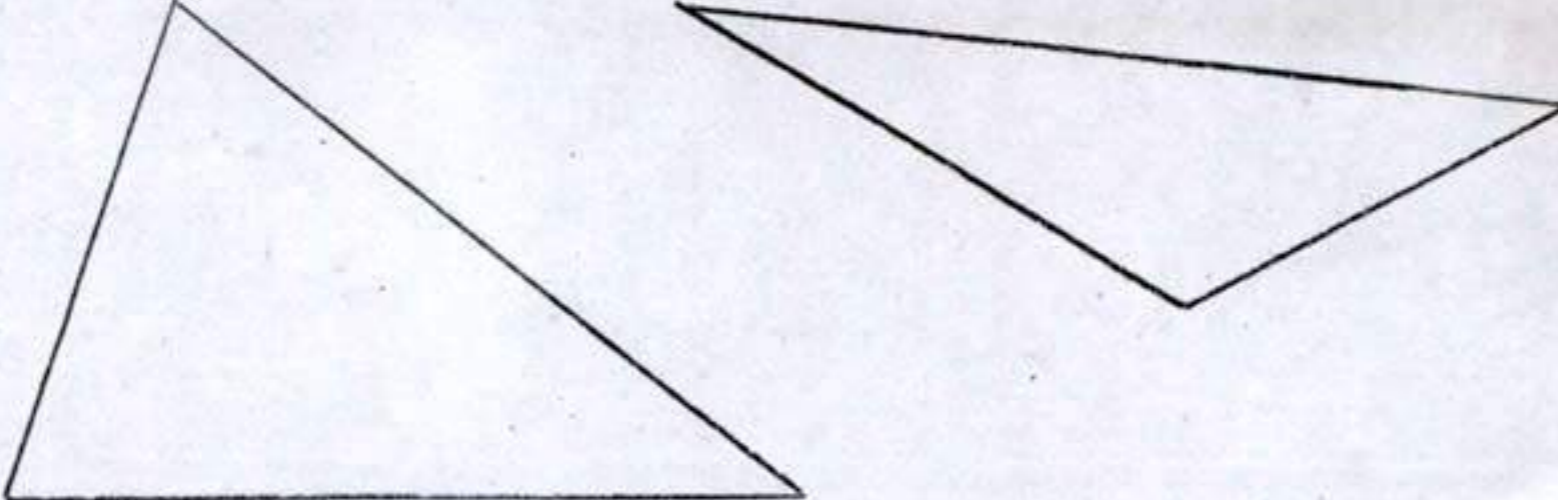


4
10 puan



$|AB| = |BC| = 16$
 $m(\angle C) = 15^\circ$
 $|PD| + |PE| = ?$

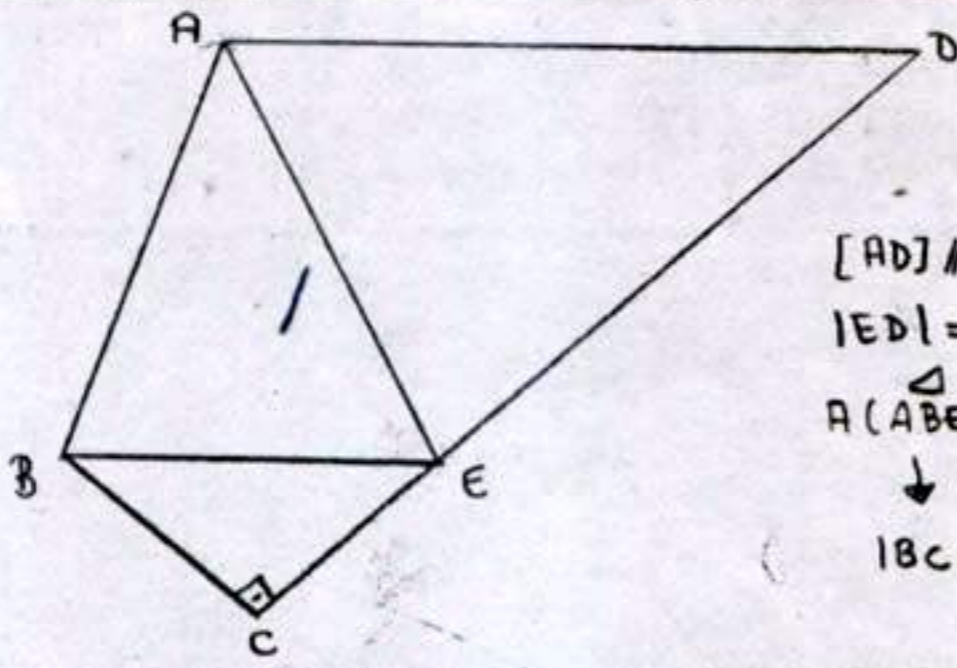
5
10 puan



Verilen eşgalere ait yükseklikleri çizerek diklik merkezlerini gösterin.

6

10 puan



$$\begin{aligned} [AD] \parallel [BE] \\ |ED| = 8 \\ A(\triangle ABE) = 12 \\ \downarrow \\ |BC| = ? \end{aligned}$$

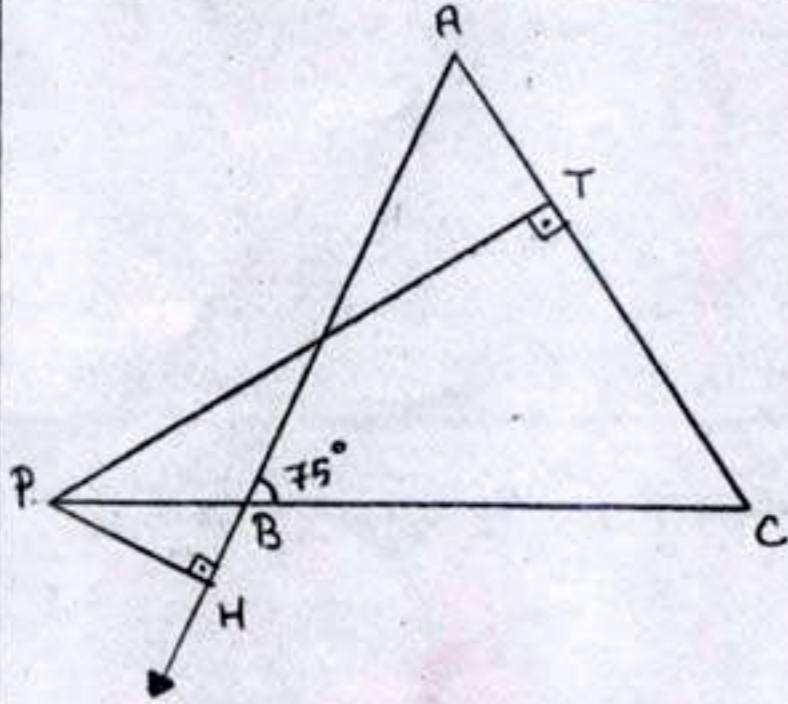
7

10 puan

Kenar uzunlukları 5, 6, 7 olan üçgenin iç teğet çemberinin yarıçapını bulun.

8

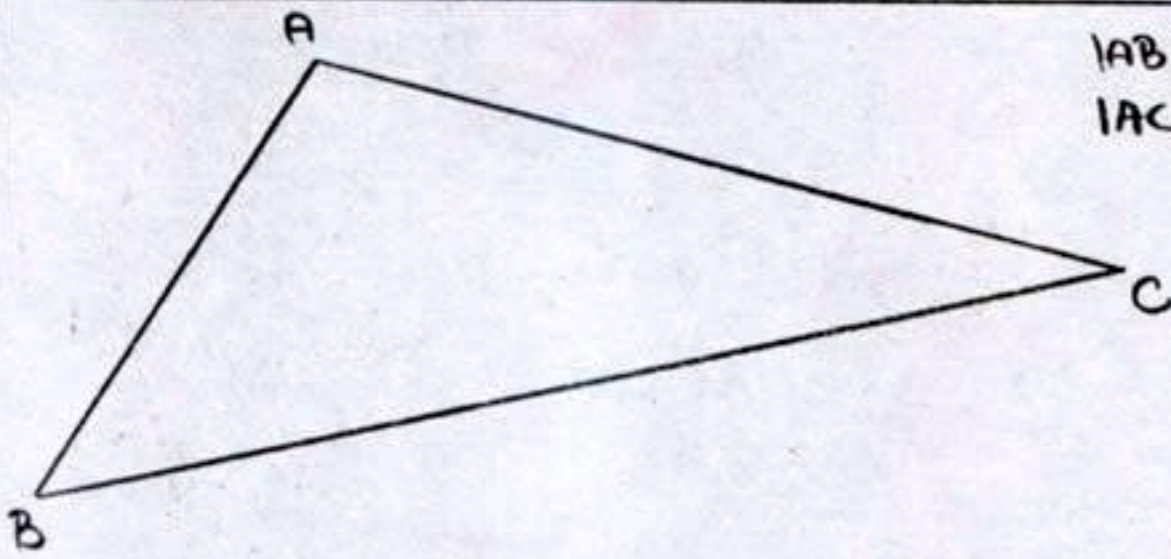
10 puan



$$\begin{aligned} |AB| = |AC| \\ |PH| = 2 \\ |PT| = 12 \\ A(\triangle ABC) = ? \end{aligned}$$

9

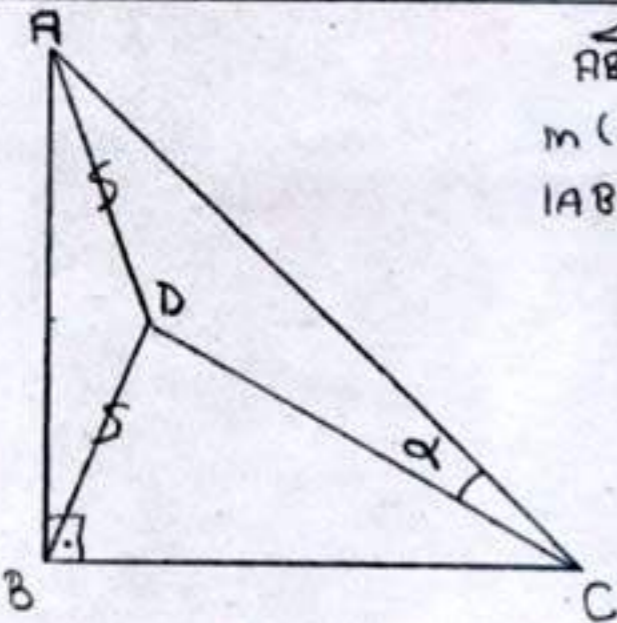
10 puan



$|AB| = 5$ $|AC| = 12$ Verilen üçgenin alanı en büyük değerini aldığı anda, çevrel çemberinin yarıçapı hangi değeri alır?

10

10 puan



$$\begin{aligned} \triangle ABC \text{ dik} \\ m(\widehat{BAD}) = 15^\circ \\ |AB| = |BC| \\ \downarrow \\ \alpha = ? \end{aligned}$$