
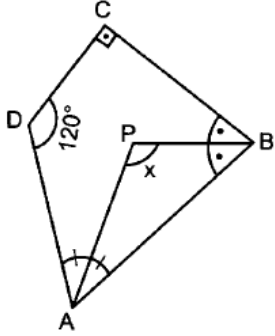


Sınıfı	10 /		ÇARŞAMBA ANADOLU İMAM HATİP LİSESİ 2017-2018 ÖĞRETİM YILI 10. SINIFLAR MATEMATİK DERSİ 1. DÖNEM 3. QUIZ	Puan
Adı Soyadı				
No				
Tarih				

DÖRTGENLER-YAMUK

SORU	1	2	3	4	5	6	7	8	9	10
PUAN										

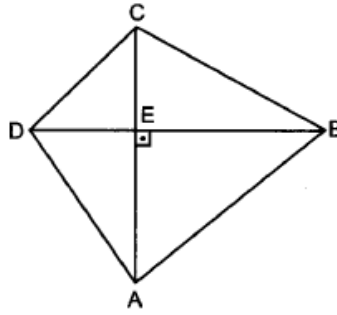
Soru 1- (10 puan)



ABCD dörtgeninde
PA ve PB açıortaylar
 $DC \perp CB$
 $m(\widehat{CDA}) = 120^\circ$
olduğuna göre,
 $m(\widehat{APB}) = x$ kaç dere-
cedir?

- A) 95 B) 100 C) 105 D) 110 E) 115

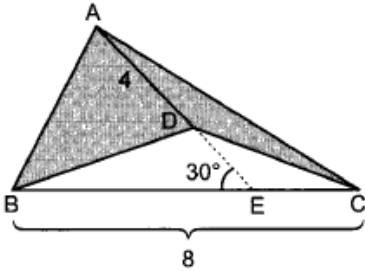
Soru 3- (10 puan)



ABCD dörtgen
 $AC \perp BD$
 $|BD| = 8 \text{ cm}$
 $|AC| = 6 \text{ cm}$
olduğuna göre,
 $A(ABCD)$ kaç cm^2
dir?

- A) 20 B) 22 C) 24 D) 26 E) 28

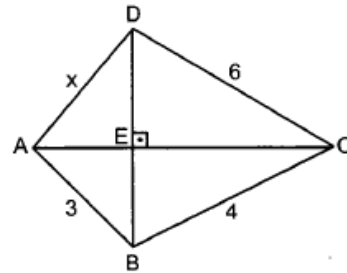
Soru 2- (10 puan)



ABC üçgen
 $m(\widehat{AEB}) = 30^\circ$
 $|AD| = 4 \text{ cm}$
 $|BC| = 8 \text{ cm}$
olduğuna göre,
 $A(ABDC)$ kaç cm^2
dir?

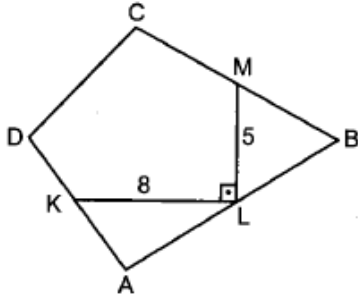
- A) 4 B) 6 C) 8 D) 10 E) 12

Soru 4- (10 puan)



ABCD dörtgen
 $AC \perp BD$
 $|DC| = 2|AB| = 6 \text{ cm}$
 $|BC| = 4 \text{ cm}$
olduğuna göre,
 $|AD| = x$ kaç cm dir?

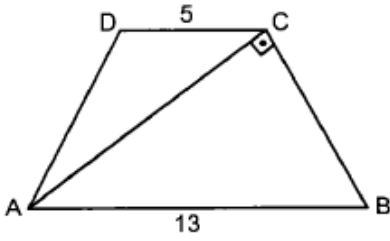
- A) $2\sqrt{6}$ B) 5 C) $3\sqrt{3}$ D) $\sqrt{29}$ E) $\sqrt{31}$

Soru 5- (10 puan)

ABCD dörtgen
K, L, M orta noktalar
 $KL \perp ML$
 $|ML| = 5 \text{ cm}$
 $|KL| = 8 \text{ cm}$

olduğuna göre,
A(ABCD) kaç cm^2 dir?

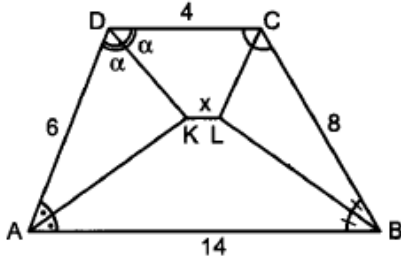
- A) 60 B) 64 C) 80 D) 92 E) 100

Soru 6- (10 puan)

ABCD ikizkenar ya-
muk
 $[AC] \perp [BC]$
 $|AD| = |BC|$
 $|DC| = 5 \text{ cm}$
 $|AB| = 13 \text{ cm}$

Yukarıda verilenlere göre, **A(ABCD) kaç cm^2 dir?**

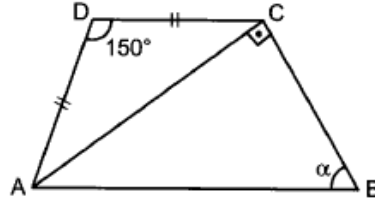
- A) 45 B) 48 C) 52 D) 54 E) 60

Soru 7- (10 puan)

ABCD yamuk
 $[AB] \parallel [DC]$
 $|AB| = 14 \text{ cm}$
 $|BC| = 8 \text{ cm}$
 $|AD| = 6 \text{ cm}$
 $|DC| = 4 \text{ cm}$

[DK], [AK], [BL], [CL] açıortaylar olduğuna göre,
 $|KL| = x$ kaç cm dir?

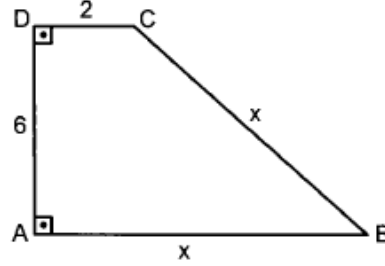
- A) 1 B) 2 C) 3 D) 4 E) 5

Soru 8- (10 puan)

ABCD yamuk
 $[AB] \parallel [DC]$
 $|AD| = |DC|$
 $m(\widehat{ACB}) = 90^\circ$
 $m(\widehat{ADC}) = 150^\circ$

Yukarıda verilenlere göre, **$m(\widehat{ABC}) = \alpha$ kaç derecedir?**

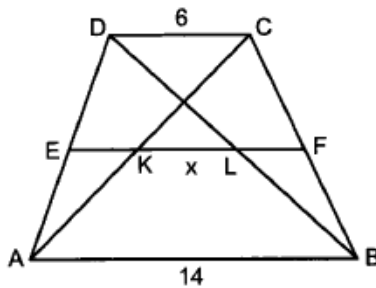
- A) 45 B) 50 C) 55 D) 60 E) 75

Soru 9- (10 puan)

ABCD dik yamuk
 $[AD] \perp [AB]$
 $[AD] \perp [DC]$
 $|AD| = 6 \text{ cm}$
 $|DC| = 2 \text{ cm}$
 $|AB| = |BC| = x \text{ cm}$

Yukarıda verilenlere göre, **$|AB| = |BC| = x$ kaç cm dir?**

- A) 8 B) 9 C) 10 D) 11 E) 12

Soru 10- (10 puan)

ABCD yamuk
 $[EF]$ orta taban
 $[AC], [BD]$ köşegen
 $|DC| = 6 \text{ cm}$
 $|AB| = 14 \text{ cm}$

Yukarıda verilenlere göre, **$|KL| = x$ kaç cm dir?**

- A) 2 B) 3 C) 4 D) 5 E) 6