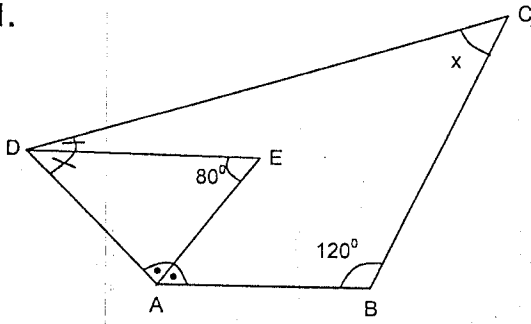


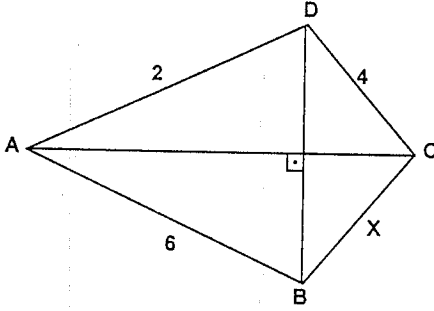
1.



ABCD bir dörtgen [AE] ve [DE] açıortay, $m(\hat{D}EA)=80^\circ$ ve $m(\hat{ABC})=120^\circ$ ise $m(\hat{BCD})=x$ kaç derecedir?

- A) 30 B) 40 C) 50 D) 70

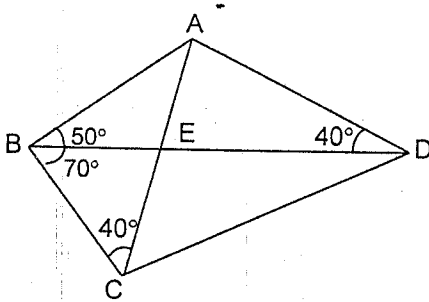
2.



$[AC] \perp [BD]$; $|CD| = 4$ cm, $|AD| = 2$ cm, $|AB| = 6$ cm dir. Yukarıdaki ABCD dörtgeninde $|BC| = x$ kaç cm dir?

- A) $6\sqrt{3}$ B) $4\sqrt{2}$ C) $6\sqrt{2}$ D) 7 E) $4\sqrt{3}$

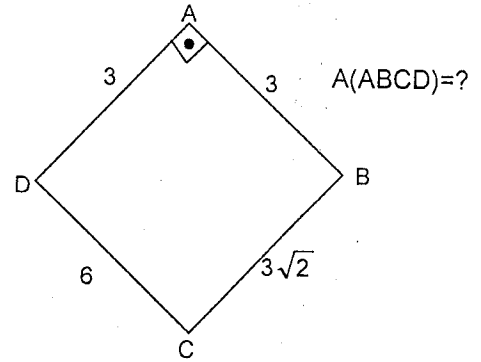
3.



ABCD dörtgen $m(\hat{ABD}) = 50^\circ$, $m(\hat{ADB}) = 40^\circ$, $m(\hat{DBC}) = 70^\circ$, $m(\hat{BCA}) = 40^\circ$ olduğuna göre, $m(\hat{BDC})$ kaç derecedir?

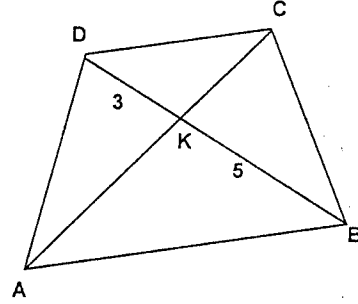
- A) 20 B) 25 C) 30 D) 40 E) 50

4.



- A) $9\sqrt{2}$ B) $6\sqrt{3}$ C) $\frac{27}{2}$ D) $\frac{21}{2}$ E) 8

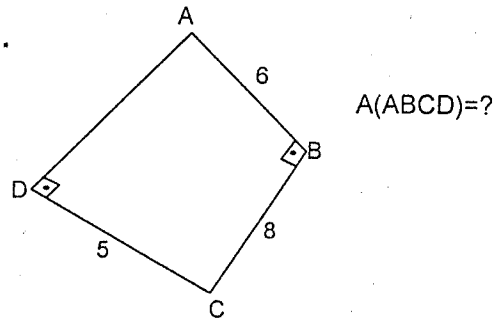
5.



Şekildeki ABCD dörtgeninde; $|BK| = 5$ cm, $|DK| = 3$ cm ve $A(\hat{ABC}) = 40$ cm² olduğuna göre; $A(\hat{ACD})$ kaç cm² dir?

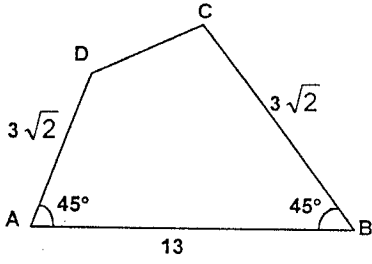
- A) 18 B) 20 C) 24 D) 36 E) 48

6.



- A) 36 B) 32 C) 30
D) $\frac{25\sqrt{3}}{2} + 24$ E) $6\sqrt{3} + 24$

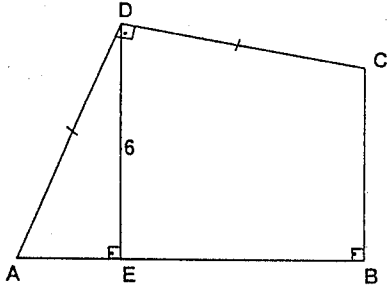
7.



Şekildeki ABCD dörtgeninde; $AB=13$ cm, $AD=3\sqrt{2}$ cm, $BC=4\sqrt{2}$ cm
 $m(\widehat{BAD})=m(\widehat{ABC})=45^\circ$ olduğuna göre,
A(ABCD) kaç cm^2 dir?

- A) 32 B) 33,5 C) 35 D) 38,5 E) 44,5

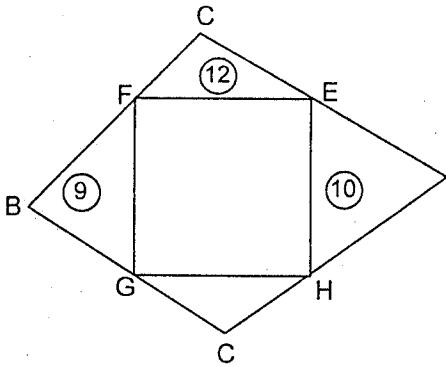
8.



Şekildeki ABCD dörtgeninde; $AD=DC$
 $[AD] \perp [CD]$, $[DE] \perp [AC]$ ve $[CB] \perp [AB]$
 dir. $DE=6$ cm ise **Alan(ABCD) kaç cm^2 dir?**

- A) 42 B) 36 C) 30 D) 24 E) 18

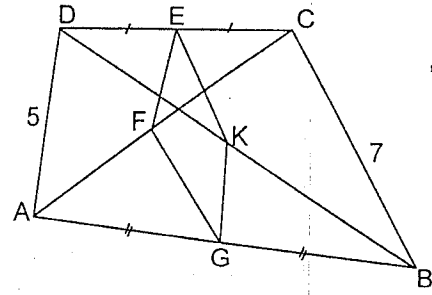
9.



ABCD dörtgeninde E, F, G, H buldukları kenarların orta noktalarıdır.
 $Alan(AFE) = 12 \text{ cm}^2$, $Alan(BFG) = 9 \text{ cm}^2$
 $Alan(EDH) = 10 \text{ cm}^2$ olduğuna göre,
 $Alan(GCH)$ kaç cm^2 dir?

- A) 7 B) 8 C) 9 D) 10 E) 11

10.

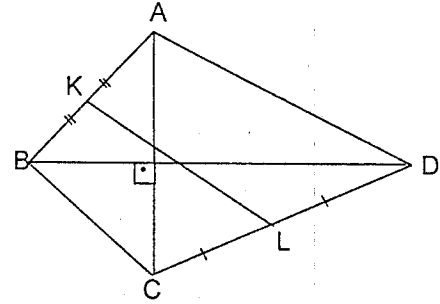


ABCD dörtgeninde $[AC]$, $[BD]$ köşegenlerdir.

$AE=EC$, $AG=GB$, $AF=FC$,
 $DE=EB$, $AD=5$ cm, $BC=7$ cm
 olduğuna göre, Çevre(EFGK) kaç cm dir?

- A) 9 B) 10 C) 12 D) 15 E) 18

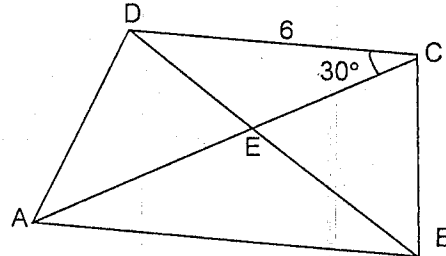
11.



ABCD dörtgen $[AC] \perp [BD]$, $AK=16$ cm,
 $BK=30$ cm olduğuna göre, KL kaç cm dir?

- A) 16 B) 17 C) 18 D) 19 E) 34

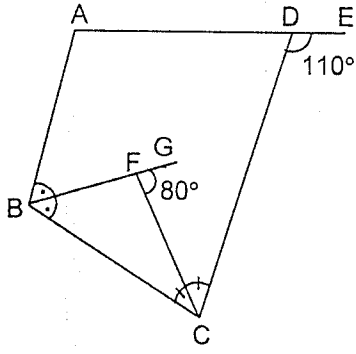
12.



ABCD dörtgeninde $[AC]$, $[BD]$ köşegen
 $m(\widehat{DCA}) = 30^\circ$ $DC=6$ cm, $AC=8$ cm
 $BE=2DE$ olduğuna göre, $Alan(ABCD)$
 kaç cm^2 dir?

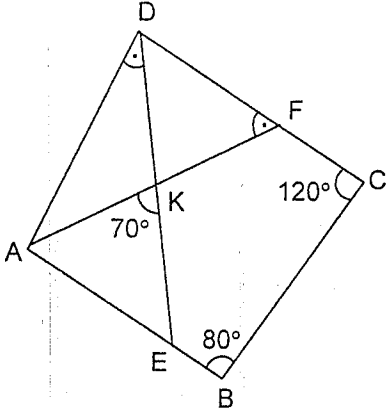
- A) 24 B) 30 C) 36 D) 42 E) 48

1.



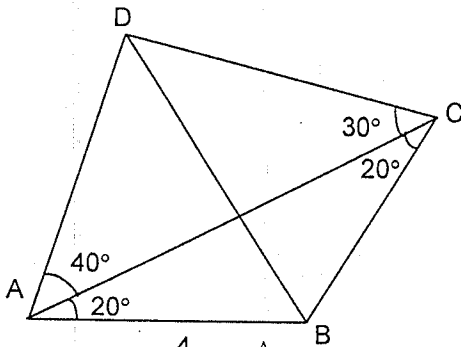
[BG] ve [CF] açıortaylar $m(\hat{CDE}) = 110^\circ$
 $m(\hat{CFG}) = 80^\circ$, A, D, E doğrusal olduğuna
 göre, $m(\hat{BAD})$ kaç derecedir?
 A) 90 B) 100 C) 110 D) 120 E) 130

2.



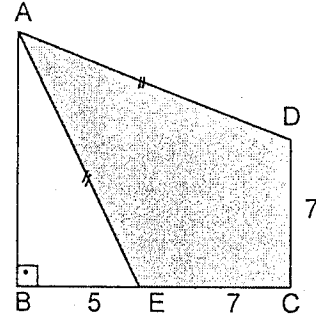
ABCD dörtgen $m(\hat{ADE}) = m(\hat{DFA})$,
 $m(\hat{AKE}) = 70^\circ$, $m(\hat{DCB}) = 120^\circ$,
 $m(\hat{ABC}) = 80^\circ$ olduğuna göre, $m(\hat{DAB})$
 kaç derecedir?
 A) 30 B) 35 C) 40 D) 45 E) 50

3.



ABCD dörtgen $m(\hat{DCA}) = 30^\circ$,
 $m(\hat{DAC}) = 40^\circ$, $m(\hat{BAC}) = m(\hat{ACB}) = 20^\circ$,
 $IABI = 4$ cm olduğuna göre, $IDBI$ kaç
 cm dir?
 A) 4 B) $2\sqrt{2}$ C) $2\sqrt{3}$ D) $4\sqrt{2}$ E) $3\sqrt{2}$

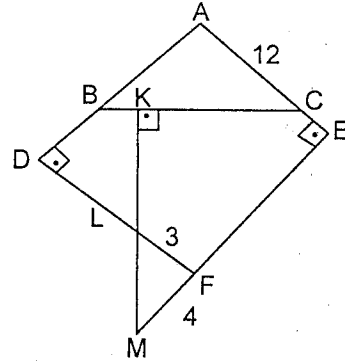
4.



ABCD dörtgen $[AB] \perp [BC]$, $[BC] \perp [DC]$
 $IAEI = IADI$, $IBEI = 5$ cm $IECI = ICDI = 7$ cm
 olduğuna göre, AECD deltoidinin alanı
 kaç cm^2 dir?

A) 56 B) 94 C) 84 D) 98 E) 112

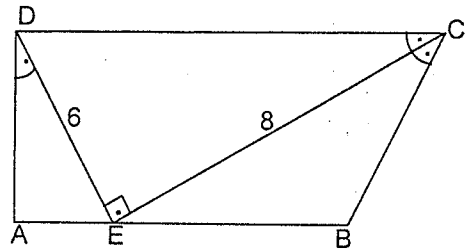
5.



ADFE dörtgen $[AD] \perp [DF]$, $[BC] \perp [MK]$,
 $[AE] \perp [ME]$, $ILFI = 3$ cm, $IMFI = 4$ cm,
 $IACI = 12$ cm olduğuna göre, $IABI$ kaç
 cm dir?

A) 6 B) 8 C) 9 D) 12 E) 16

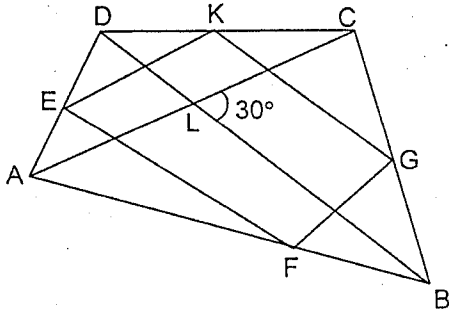
6.



ABCD dörtgen, $[DC] \parallel [AB]$, $[DE] \perp [EC]$,
 $IDEI = 6$ cm, $IECI = 8$ cm,
 $m(\hat{ADE}) = m(\hat{DCE}) = m(\hat{ECB})$ olduğuna
 göre, $IEAI$ kaç cm dir?

A) 1,6 B) 2,8 C) 3,2 D) 3,5 E) 3,6

7.



ABCD dörtgen K, E, F, G buldukları kenarların orta noktalarıdır.

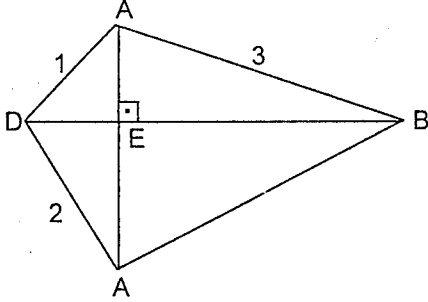
$$[AC] \cap [BD] = \{L\} \quad m(\angle BLC) = 30^\circ$$

$|AC| = 8 \text{ cm}$ $|BD| = 10 \text{ cm}$ olduğuna göre,

Alan(EFGK) kaç cm^2 dir?

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

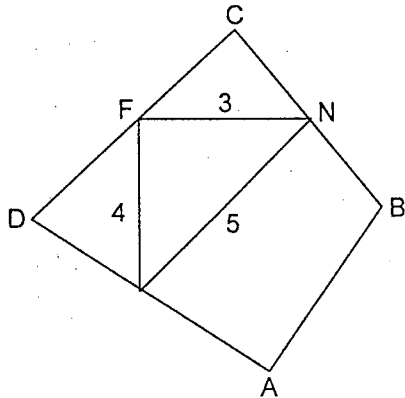
8.



ABCD dörtgen $[DB] \perp [AC]$, $|DC| = 1 \text{ cm}$,
 $|CB| = 3 \text{ cm}$, $|AD| = 2 \text{ cm}$ olduğuna göre,
 $|AB|$ kaç cm dir?

- A) $\sqrt{5}$ B) $\sqrt{6}$ C) $\sqrt{7}$ D) $2\sqrt{2}$ E) $2\sqrt{3}$

9.

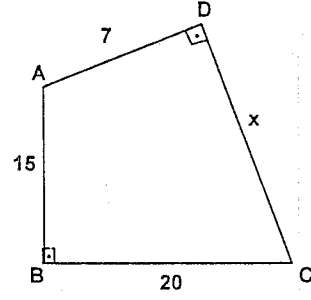


ABCD dörtgeninde F, N, E noktaları bu-
ldukları kenarların orta noktalarıdır.

$|FN| = 3 \text{ cm}$, $|FE| = 4 \text{ cm}$, $|EN| = 5 \text{ cm}$ ol-
duğuna göre, Alan(ABCD) kaç cm^2 dir?

- A) 16 B) 18 C) 20 D) 24 E) 28

10.

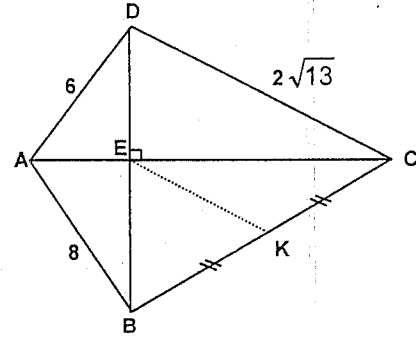


$[AB] \perp [AD]$, $[BC] \perp [CD]$, $|AB| = 15 \text{ cm}$,
 $|BC| = 20 \text{ cm}$, $|CD| = x \text{ cm}$, $|AD| = 7$

Yukarıdaki verilere göre, $|CD| = x$ kaç cm dir?

- A) 20 B) 24 C) 25 D) 26 E) 30

11.



$[AC] \perp [BD]$, $|BK| = |KC|$, $|DA| = 6$
 $|AB| = 8$, $|DC| = 2\sqrt{13}$ ise $|EK|$ kaçtır?

- A) $4\sqrt{5}$ B) 3 C) $2\sqrt{2}$ D) $2\sqrt{5}$ E) 6

Genel Dörtgenler Uygulama	Genel Dörtgenler Ödev
1-B	1-E
2-E	2-E
3-A	3-A
4-C	4-C
5-C	5-C
6-D	6-E
7-B	7-D
8-B	8-E
9-A	9-D
10-C	10-B
11-B	11-D
12-C	