

1. ABCD dikdörtgen

E, F, C doğrusal

$|EA| = 1 \text{ cm}$

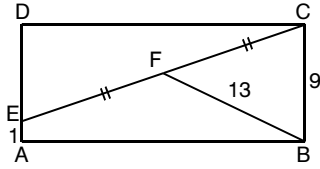
$|BC| = 9 \text{ cm}$

$|FB| = 13 \text{ cm}$

$|EF| = |FC|$

olduğuna göre, $|DC|$ kaç cm dir?

- A) 18 B) 20 C) 22 D) 24 E) 25



2. ABCD dikdörtgen

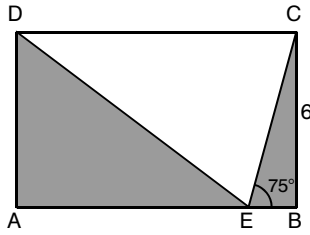
$m(\widehat{CEB}) = 75^\circ$

$|AB| = |DE|$

$|BC| = 6 \text{ cm}$

olduğuna göre, taralı bölgelerin alanlarının toplamı kaç cm^2 dir?

- A) 30 B) 32 C) 36 D) 42 E) 45



3. ABCD dikdörtgen

 $[AC]$ ve $[BD]$

köşegen

$|EF| = 3 \text{ br}$

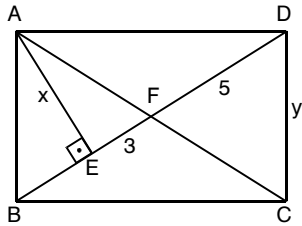
$|DF| = 5 \text{ br}$

$|AE| = x \text{ br}$

$|DC| = y \text{ br}$

olduğuna göre, $\frac{y}{x}$ oranı kaçtır?

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



4. ABCD dikdörtgen

$[DE] \perp [EF]$

$|AE| > |EB|$

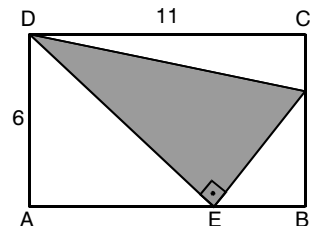
$|AD| = 6 \text{ cm}$

$|DC| = 11 \text{ cm}$

$|CF| = 2 \text{ cm}$

olduğuna göre, $\text{Alan}(\triangle DEF)$ kaç cm^2 dir?

- A) 16 B) 20 C) 25 D) 28 E) 30



5. ABCD dikdörtgen

$[ED] \perp [EC]$

$[EH] \perp [AB]$

$|AD| = |HB|$

$|EH| = 15 \text{ cm}$

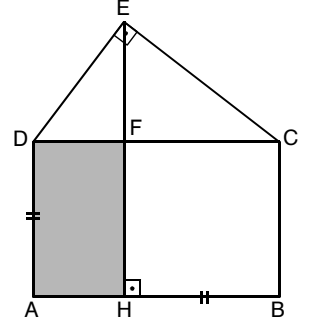
$\text{Alan}(\triangle HFD) = 36 \text{ cm}^2$

olduğuna göre,

 $\text{Çevre}(\triangle ABCD)$

kaç cm dir?

- A) 36 B) 40 C) 42 D) 44 E) 48



6. ABCD dikdörtgen

$2m(\widehat{CAB}) = m(\widehat{DEB})$

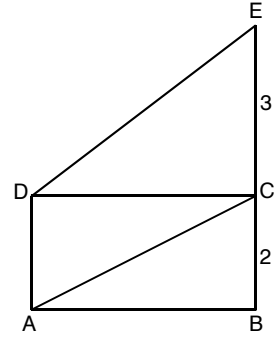
$|EC| = 3 \text{ cm}$

$|BC| = 2 \text{ cm}$

olduğuna göre,

 $\text{Alan}(\triangle ABCD)$ kaç cm^2 dir?

- A) 6 B) 8 C) 10 D) 12 E) 16



7. ABCD dikdörtgen

$E \in [FC]$

$[AN] \perp [DB]$

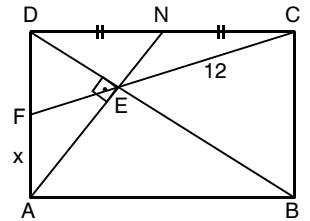
$|DN| = |NC|$

$|EC| = 12 \text{ cm}$

$|FA| = x \text{ cm}$

olduğuna göre, x kaçtır?

- A) 4 B) 5 C) 6 D) 7 E) 8



8. ABCD dikdörtgen

$[BH] \perp [AE]$

D, C, E doğrusal

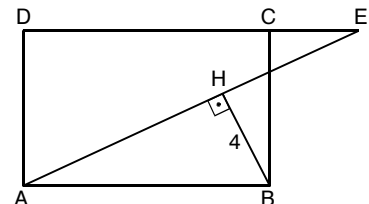
$|BH| = 4 \text{ cm}$

$|AE| = 15 \text{ cm}$

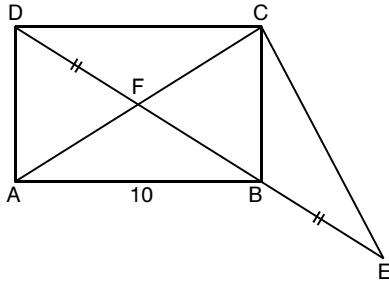
olduğuna göre,

 $\text{Alan}(\triangle ABCD)$ kaç cm^2 dir?

- A) 64 B) 60 C) 54 D) 50 E) 45



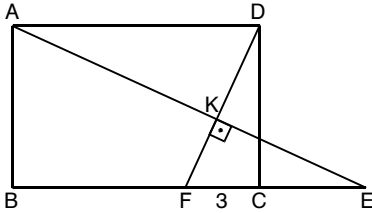
9.



ABCD dikdörtgen, $[AC] \cap [DE] = \{F\}$, $|DF| = |BE|$
 $|AB| = 10$ cm, Alan(ABCD) = 80 cm^2 olduğuna göre,
 $|CE|$ kaç cm dir?

- A) $5\sqrt{6}$ B) $4\sqrt{10}$ C) 13 D) $6\sqrt{5}$ E) $10\sqrt{2}$

10.

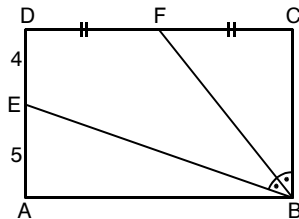


ABCD dikdörtgen, B, C, E doğrusal, $[AE] \perp [DF]$
 $|FC| = 3$ cm, $|BE| = 12$ cm olduğuna göre,
 $|AB|$ kaç cm dir?

- A) 4 B) 6 C) 7 D) 8 E) 9

11. ABCD dikdörtgen

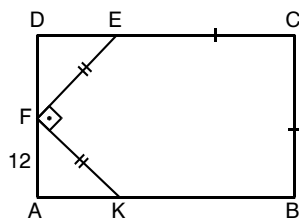
$[BF]$ açıortay
 $|DF| = |FC|$
 $|DE| = 4$ cm
 $|AE| = 5$ cm
 olduğuna göre,
 $|DF|$ kaç cm dir?



- A) 5 B) 6 C) 7 D) 8 E) 9

12. ABCD dikdörtgen

$[EF] \perp [FK]$
 $|EF| = |FK|$
 $|BC| = |CE|$
 $|AF| = 12$ cm
 olduğuna göre,
 $|KB|$ kaç cm dir?



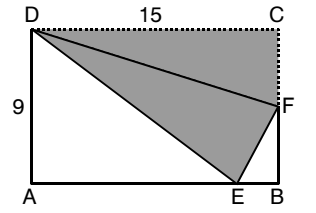
- A) 18 B) 20 C) 24 D) 27 E) 30

13. ABCD dikdörtgeni

şeklindeki bir karton
 $[DF]$ üzerinden
 katlanarak DEF üçgeni
 elde ediliyor.

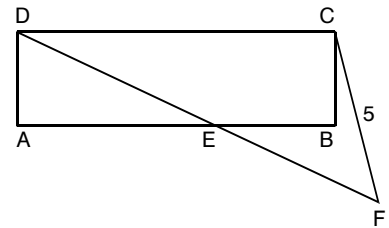
$|AD| = 9$ cm

$|DC| = 15$ cm olduğuna göre, Alan(DEFC) kaç cm^2 dir?



- A) 45 B) 60 C) 75 D) 90 E) 105

14.



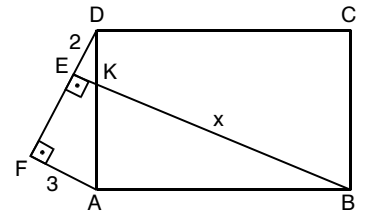
ABCD dikdörtgen, $2m(\widehat{CDF}) = m(\widehat{CFD})$, $2|AE| = 3|EB|$
 $|CF| = 5$ cm olduğuna göre, $|DE|$ kaç cm dir?

- A) 6 B) 7 C) 8 D) 9 E) 10

15. ABCD dikdörtgen

$[BE] \perp [FD]$
 $[AF] \perp [DF]$
 $|DE| = 2$ cm
 $|KE| = 1$ cm
 $|AF| = 3$ cm

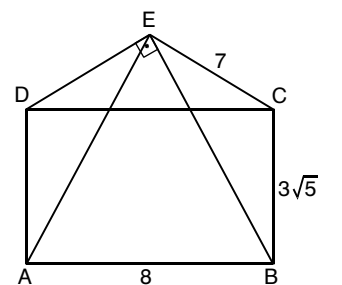
olduğuna göre, $|BK| = x$ kaç cm dir?



- A) 8 B) 10 C) 11 D) 12 E) 15

16. ABCD dikdörtgen

$[DE] \perp [EB]$
 $|AB| = 8$ cm
 $|BC| = 3\sqrt{5}$ cm
 $|EC| = 7$ cm
 olduğuna göre,
 $|AE|$ kaç cm dir?



- A) $4\sqrt{3}$ B) $5\sqrt{2}$ C) $3\sqrt{6}$ D) $2\sqrt{15}$ E) 8