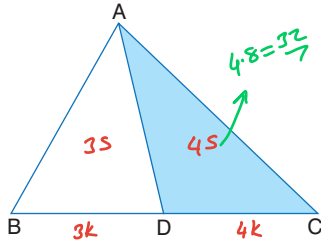


1.

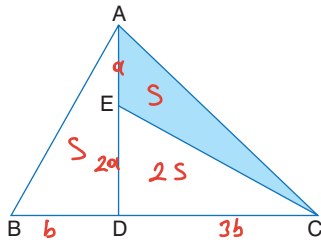


$\widehat{ABC}$ üçgen
 $4|BD| = 3|DC|$
 $A(\widehat{ABC}) = 56 \text{ cm}^2$
 $7S = 56$
 $S = 8$

Yukarıdaki verilere göre, $A(\widehat{ADC})$ kaç cm^2 'dir?

- A) 16 B) 20 C) 24 D) 28 E) 32

2.

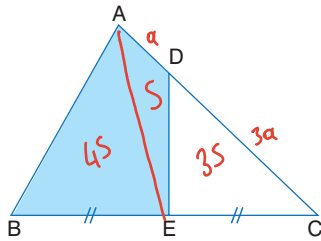


$\widehat{ABC}$ üçgen
 A, E, D doğrusal
 $|ED| = 2|AE|$
 $|DC| = 3|BD|$
 $A(\widehat{ABC}) = 24 \text{ cm}^2$
 $4S = 24$
 $S = 6$

Yukarıdaki verilere göre, $A(\widehat{AEC})$ kaç cm^2 'dir?

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

3.



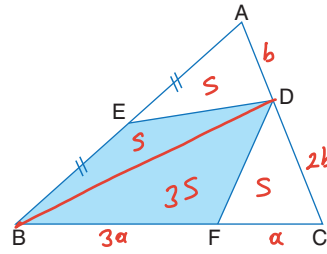
$\widehat{ABC}$ üçgen
 $|BE| = |EC|$
 $|DC| = 3|AD|$
 $A(\widehat{ABC}) = 32 \text{ cm}^2$
 $8S = 32$
 $S = 4$

Yukarıdaki verilere göre, taralı alan kaç cm^2 'dir?

- A) 16 B) 18 C) 20 D) 22 E) 24

Taralı Alan = $5S = 5 \cdot 4 = 20$

4.

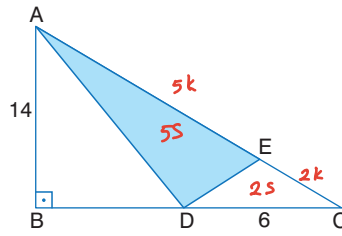


$\widehat{ABC}$ üçgen
 $|AE| = |EB|$
 $|BF| = 3|FC|$
 $|DC| = 2|AD|$
 $4S = 20$
 $S = 5$
 $A(\widehat{ABC}) = 6S = 6 \cdot 5 = 30$

Yukarıdaki şekilde taralı alan 20 cm^2 olduğuna göre, $A(\widehat{ABC})$ kaç cm^2 'dir?

- A) 25 B) 30 C) 36 D) 40 E) 45

5.



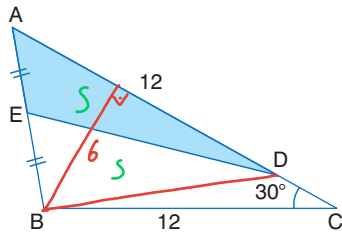
$\widehat{ABC}$ üçgen
 $[AB] \perp [BC]$
 $2|AE| = 5|EC|$
 $|AB| = 14 \text{ cm}$
 $|DC| = 6 \text{ cm}$

Yukarıdaki verilere göre, $A(\widehat{ADE})$ kaç cm^2 'dir?

- A) 30 B) 32 C) 34 D) 36 E) 42

1) $7S = \frac{6 \cdot 14}{2}$
 $S = 6$
 2) $A(\widehat{ADE}) = 5S = 5 \cdot 6 = 30$

6.



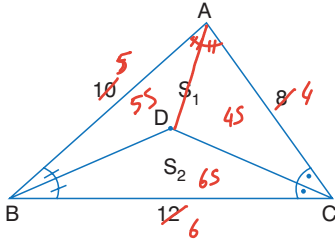
$\widehat{ABC}$ üçgen
 $|AE| = |EB|$
 $|AD| = 12 \text{ cm}$
 $|BC| = 12 \text{ cm}$
 $m(\widehat{ACB}) = 30^\circ$

Yukarıdaki verilere göre, $A(\widehat{ADE})$ kaç cm^2 'dir?

- A) 12 B) 18 C) 24 D) 28 E) 36

$2S = \frac{12 \cdot 6}{2}$
 $S = 18$

7.



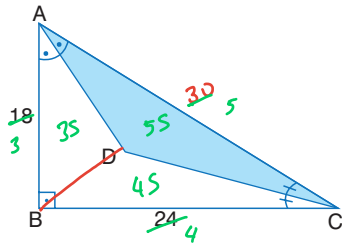
ABC üçgen
[BD] ve [CD]
açıortay
 $|AB| = 10$ cm
 $|BC| = 12$ cm
 $|AC| = 8$ cm

S_1 ve S_2 bulundukları bölgelerin alanları olduğuna göre, $\frac{S_1}{S_2}$ oranı kaçtır?

- A) 1 B) $\frac{3}{2}$ C) 2 D) $\frac{5}{2}$ E) 3

$$\frac{S_1}{S_2} = \frac{9S}{6S} = \frac{3}{2}$$

8.



ABC üçgen
 $[AB] \perp [BC]$
[AD] ve [CD]
açıortay
 $|AB| = 18$ cm
 $|BC| = 24$ cm

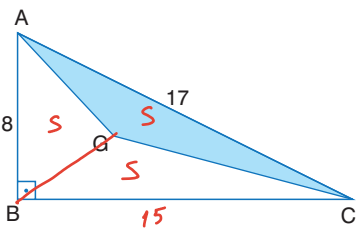
Yukarıdaki verilere göre, $A(\widehat{ADC})$ kaç cm^2 'dir?

- A) 60 B) 64 C) 72 D) 85 E) 90

$$1) A(ABC) = \frac{18 \cdot 24}{2} = 216$$

$$2) 12S = 216 \quad A(ADC) = 5S = 5 \cdot 18 = 90$$

9.



G, $\widehat{ABC}$ 'nin
ağırlık merkezi
 $[AB] \perp [BC]$
 $|AB| = 8$ cm
 $|AC| = 17$ cm

Yukarıdaki verilere göre, $A(\widehat{AGC})$ kaç cm^2 'dir?

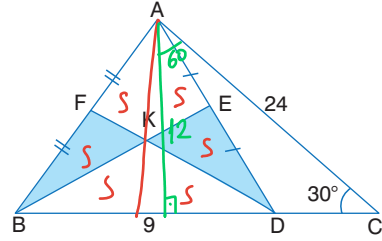
- A) 12 B) 15 C) 18 D) 20 E) 24

$$A(ABC) = \frac{8 \cdot 15}{2} = 60$$

$$3S = 60$$

$$S = 20$$

10.



ABC üçgen
 $[BE] \cap [CF] = \{K\}$
 $m(\widehat{ACB}) = 30^\circ$
 $|AC| = 24$ cm
 $|BD| = 9$ cm

$$|AE| = |ED|$$

$$|AF| = |BF|$$

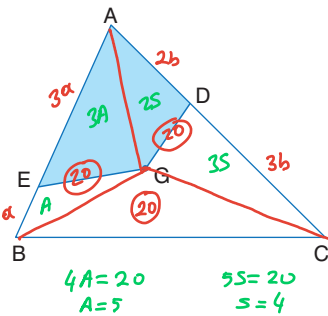
$$1) A(ABD) = \frac{3 \cdot 12}{2} = 18$$

$$6S = 18 \quad T. Alan = 2S = 12$$

Yukarıdaki verilere göre, taralı alan toplamı kaç cm^2 'dir?

- A) 12 B) 15 C) 18 D) 20 E) 24

11.

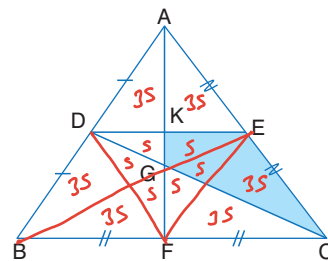


G, $\widehat{ABC}$ 'nin
ağırlık merkezi
 $|AE| = 3|EB|$
 $2|DC| = 3|AD|$
 $A(\widehat{ABC}) = 60 \text{ cm}^2$

Yukarıdaki verilere göre, $A(\widehat{AEGD})$ kaç cm^2 'dir?

- A) 23 B) 25 C) 27 D) 29 E) 32

12.



$[AF] \cap [CD] = G$
D, E, F bulundukları
kenarların
orta noktaları
 $A(\widehat{ABC}) = 72 \text{ cm}^2$

Yukarıdaki verilere göre, taralı alan kaç cm^2 'dir?

- A) 12 B) 15 C) 18 D) 20 E) 24

$$T. A = 5S = 5 \cdot 3 = 15$$