

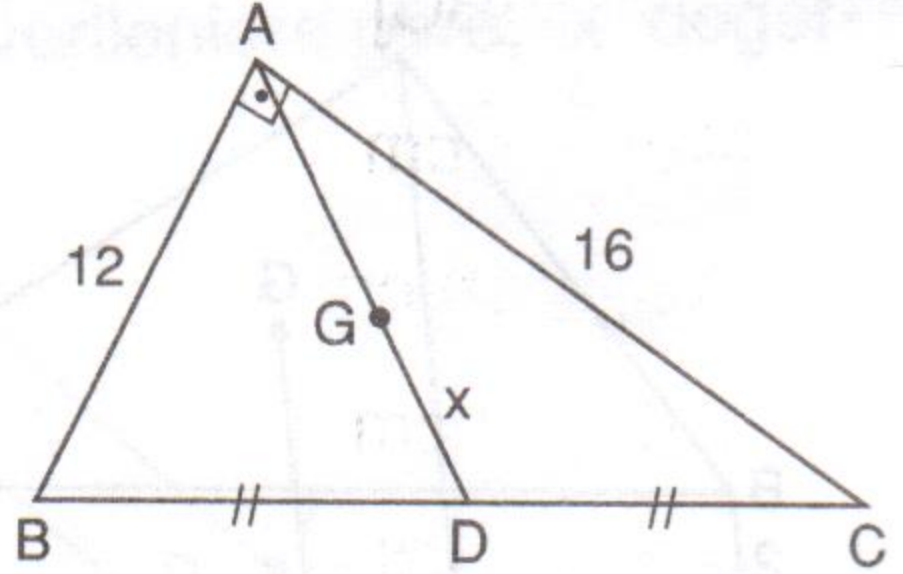
KENARORTAY ÇALIŞMA SORULARI

$$[AB] \perp [AC]$$

$$|BD| = |DC|$$

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

$$|AC| = 16 \text{ cm}$$



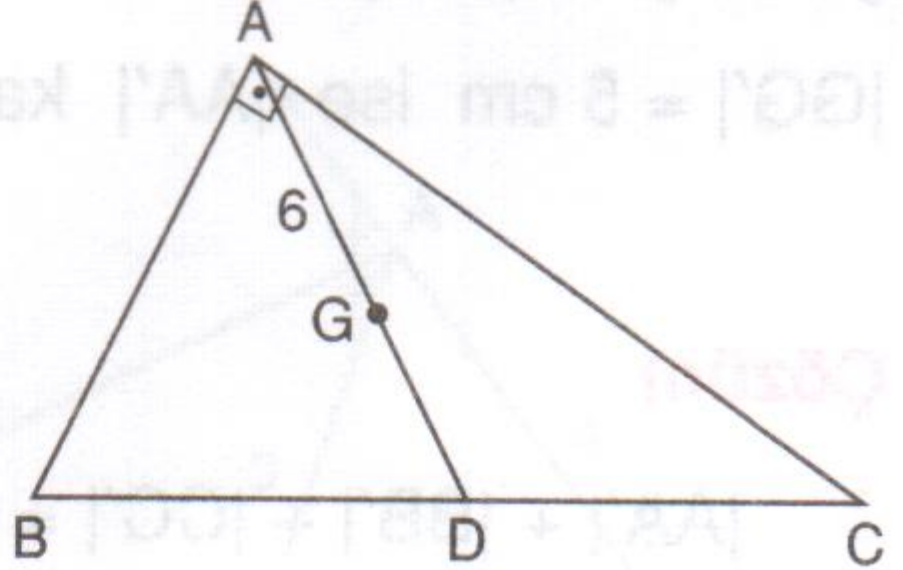
ABC üçgeninde G ağırlık merkezi ise $|GD| = x$ kaç cm dir?

$$\left(\frac{10}{3}\right)$$

2. $[AB] \perp [AC]$

G ağırlık merkezi

$|AG| = 6$ cm



ABC üçgeninde verilenlere göre $|BC|$ kaç cm dir?

(18)

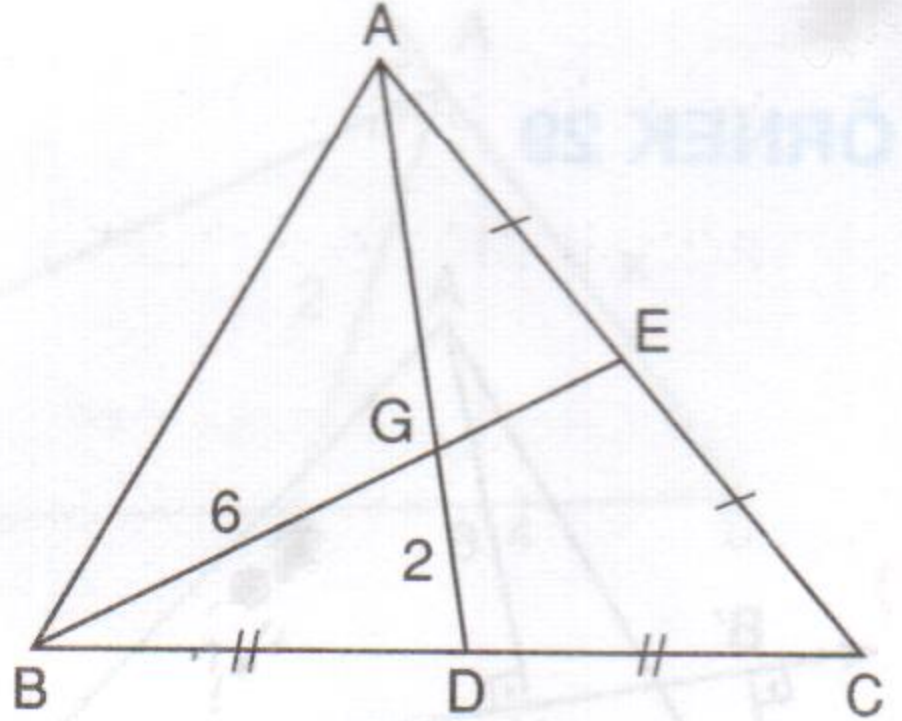
3. ABC üçgeninde
G ağırlık merkezi

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

$$|GD| = 2 \text{ cm} \text{ ise}$$

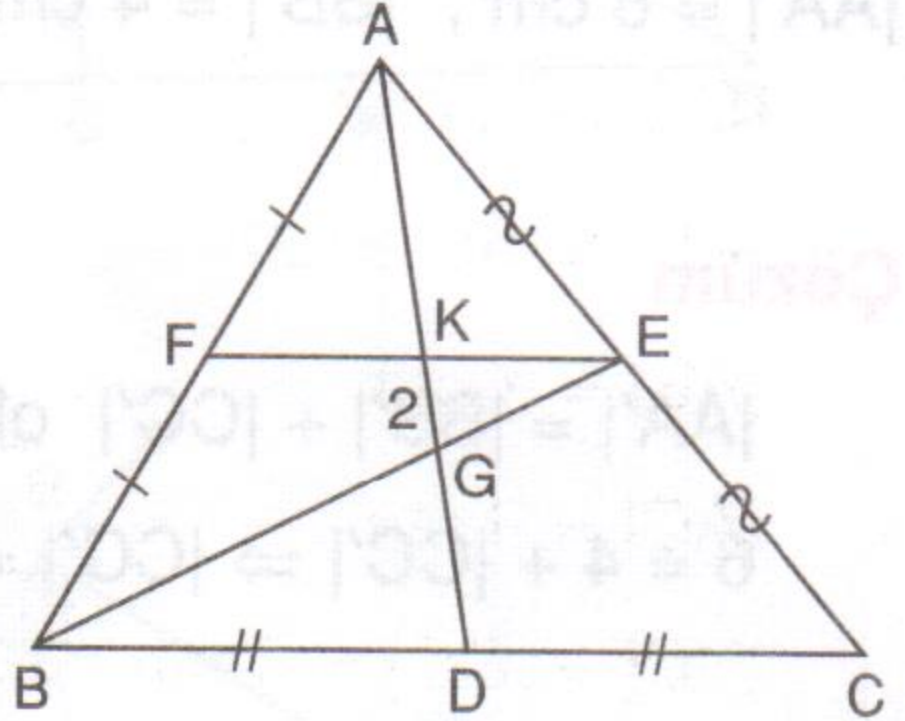
$$|AD| + |BE|$$

kaç cm dir?



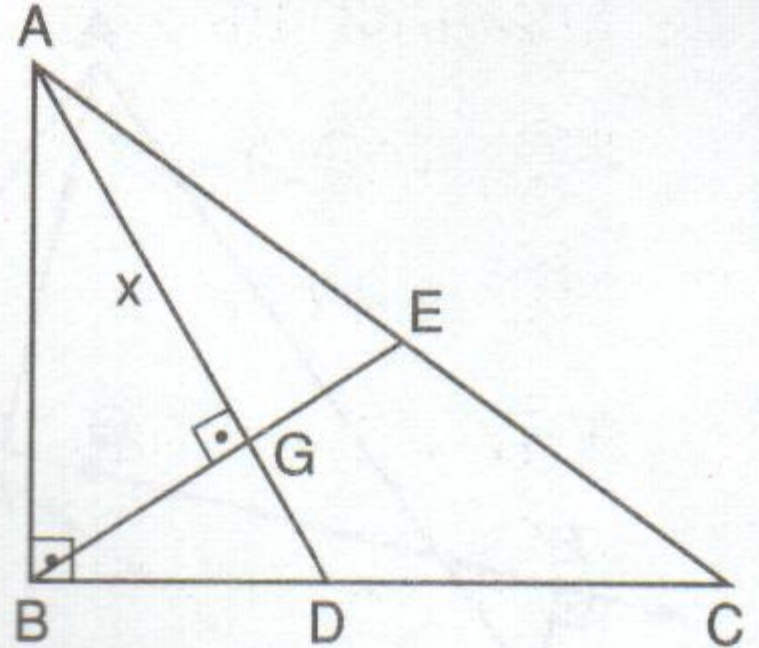
(15)

4. ABC üçgeninde
D, E, F kenar orta
noktalar ve
 $|KG| = 2 \text{ cm}$ ise
 $|AD|$ kaç cm dir?



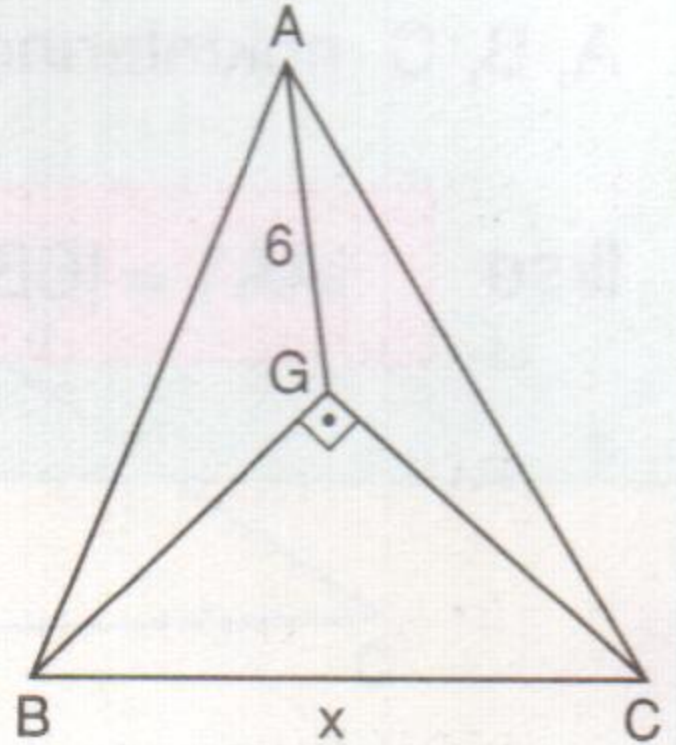
(12)

5. ABC üçgeninde
G ağırlık merkezi
 $[AB] \perp [BC]$
 $[AD] \perp [BE]$
 $|AC| = 12$ cm ise
 $|AG| = x$ kaç cm dir?



$(4\sqrt{2})$

6. ABC üçgeninde
G ağırlık merkezi
 $[BG] \perp [CG]$
 $|AG| = 6 \text{ cm}$ ise
 $|BC| = x$ kaç cm dir?



(6)

7. ABC üçgeninde

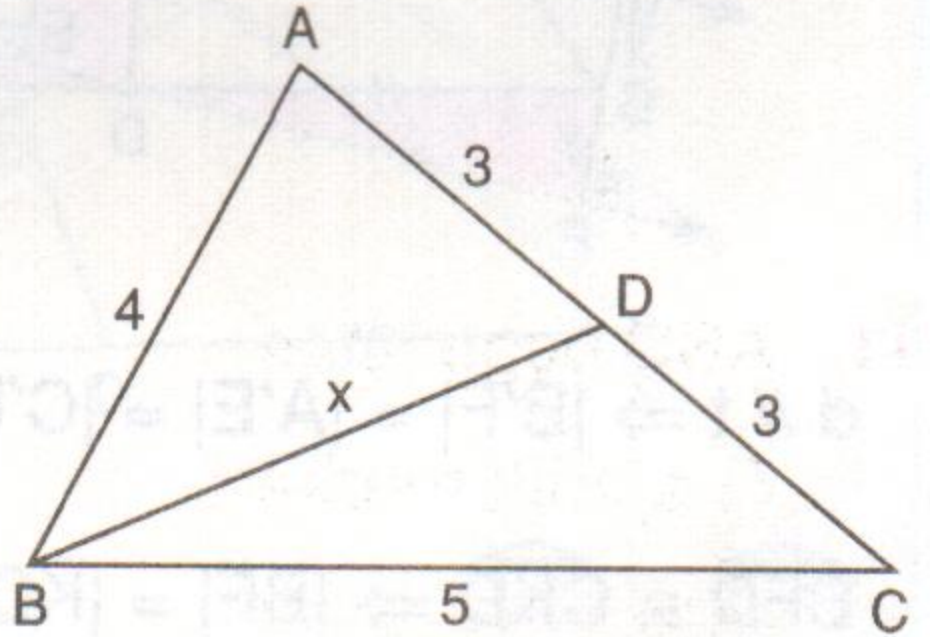
$$|AD| = |DC| = 3 \text{ cm}$$

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

$$|BC| = 5 \text{ cm} \text{ ise}$$

$$|BD| = x$$

kaç cm dir?



$$\left(\sqrt{\frac{23}{2}} \right)$$

8. ABC üçgeninde

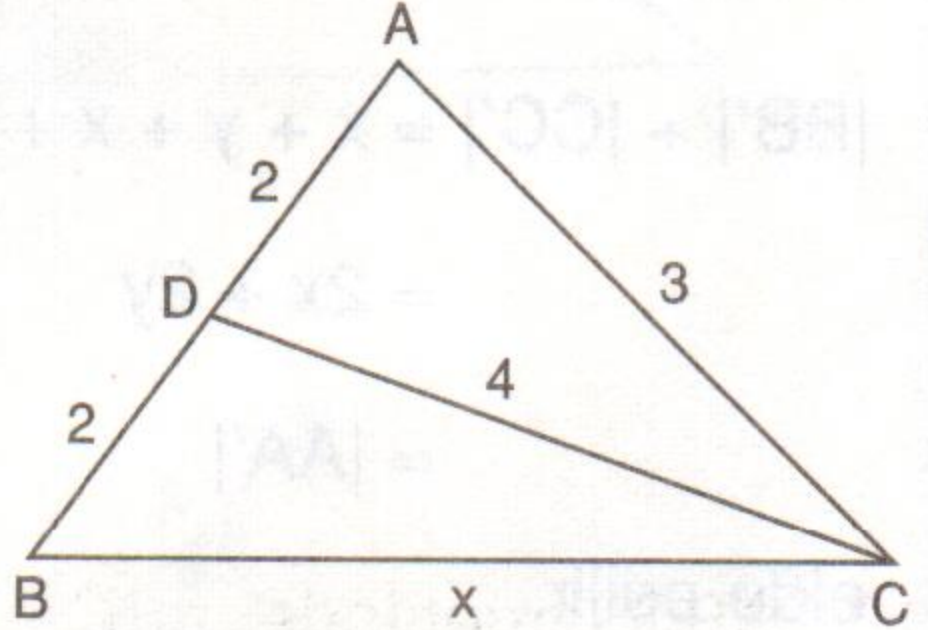
$$|AD| = |DB| = 2 \text{ cm}$$

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

$$|CD| = 4 \text{ cm} \text{ ise}$$

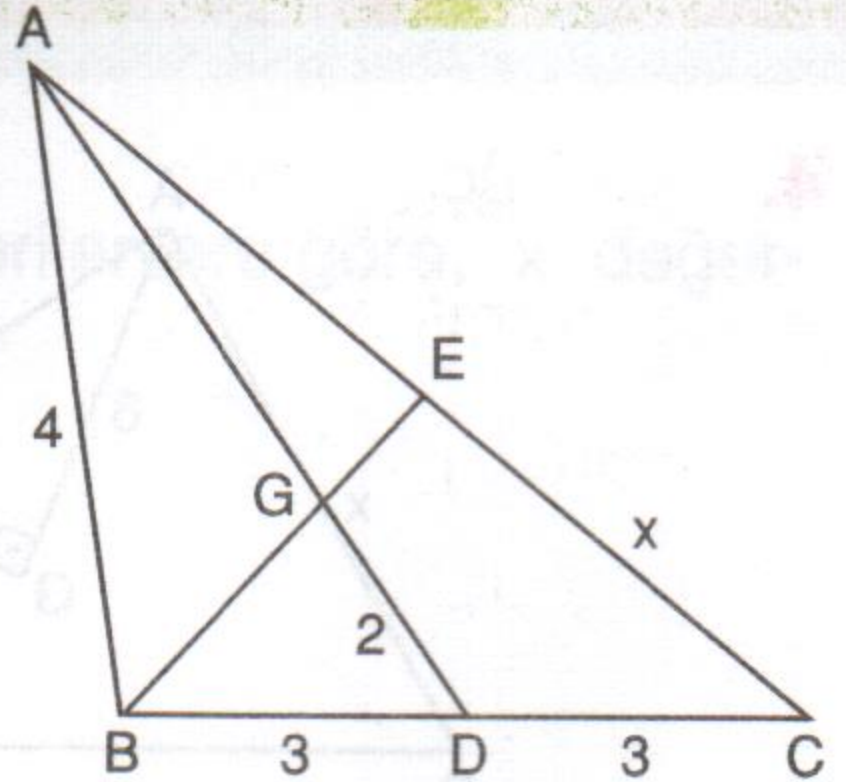
$$|BC| = x$$

kaç cm dir?



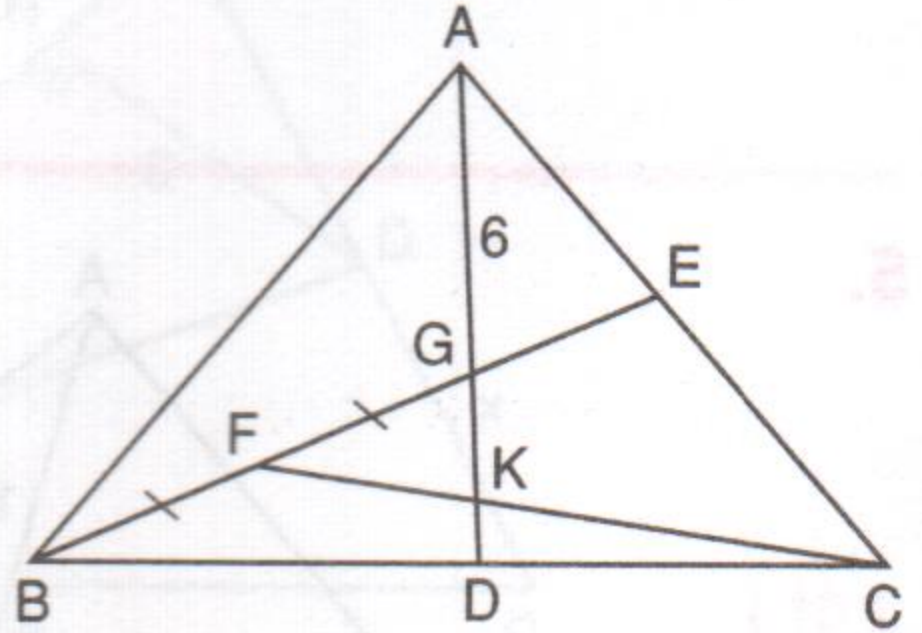
($\sqrt{31}$)

9. ABC üçgeninde
G ağırlık merkezi
 $|BD| = |DC| = 3$ cm
 $|AB| = 4$ cm
 $|GD| = 2$ cm ise
 $|EC| = x$ kaç cm dir?



$$\left(\frac{\sqrt{74}}{2} \right)$$

- 10.** ABC üçgeninde
G ağırlık merkezi
 $|BF| = |FG|$
 $|AG| = 6$ cm ise
 $|KD|$ kaç cm dir?



(1)

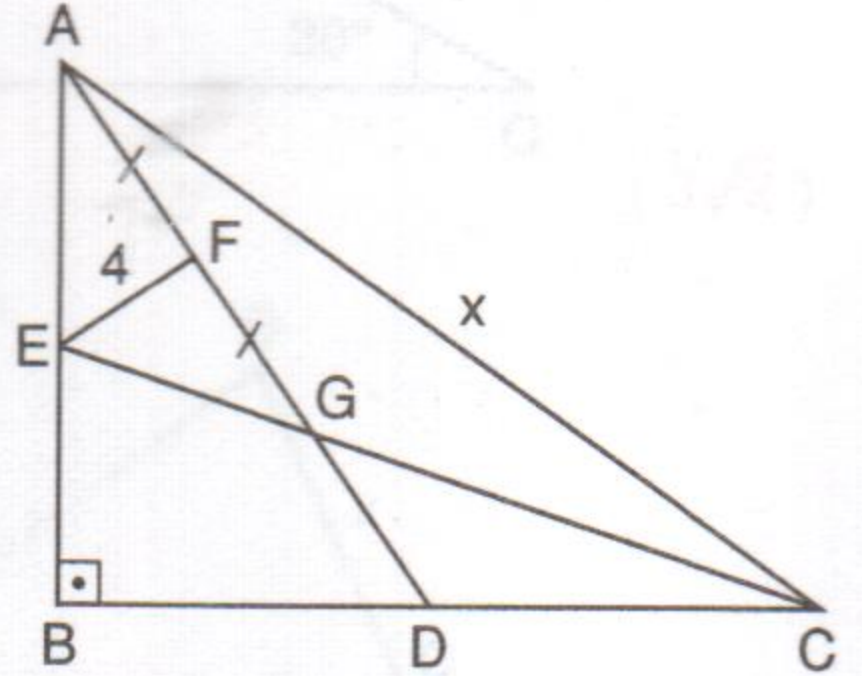
11. ABC üçgeninde
G ağırlık merkezi

$$[AB] \perp [BC]$$

$$|AF| = |FG|$$

$$|EF| = 4 \text{ cm ise}$$

$$|AC| = x \text{ kaç cm dir?}$$



12. ABC üçgeninde $m(\hat{C}) = 90^\circ$ ve

$$V_a^2 + V_b^2 + V_c^2 = 216 \text{ cm}^2 \text{ ise } |AB| \text{ kaç cm dir?}$$

(12)

13. ABC üçgeninde

$$[AH] \perp [BC]$$

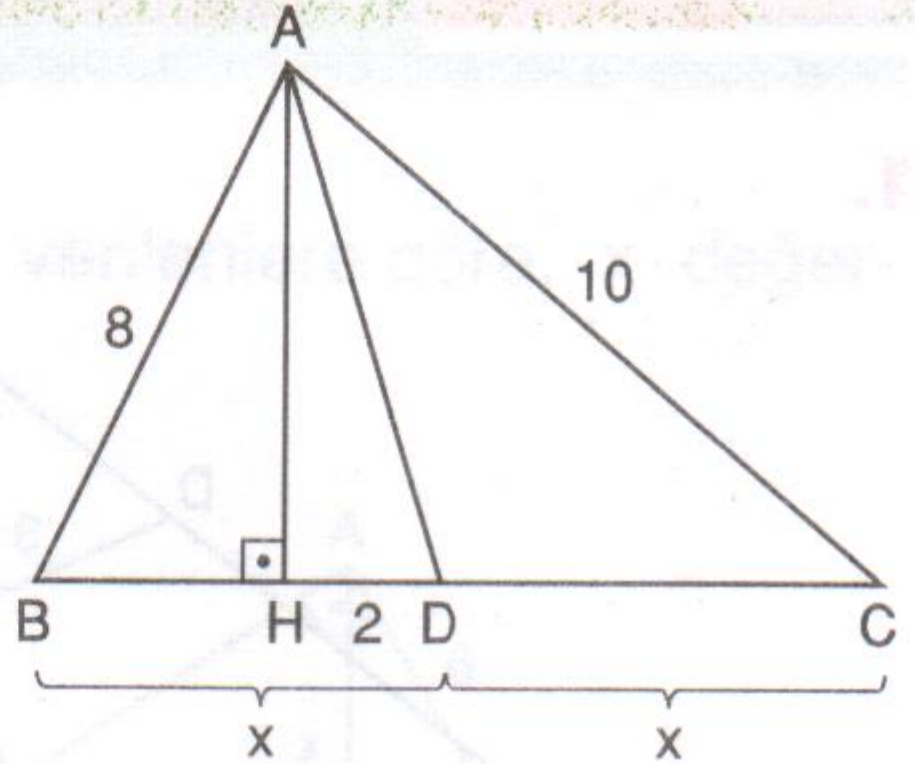
$$|AB| = 8 \text{ cm}$$

$$|AC| = 10 \text{ cm}$$

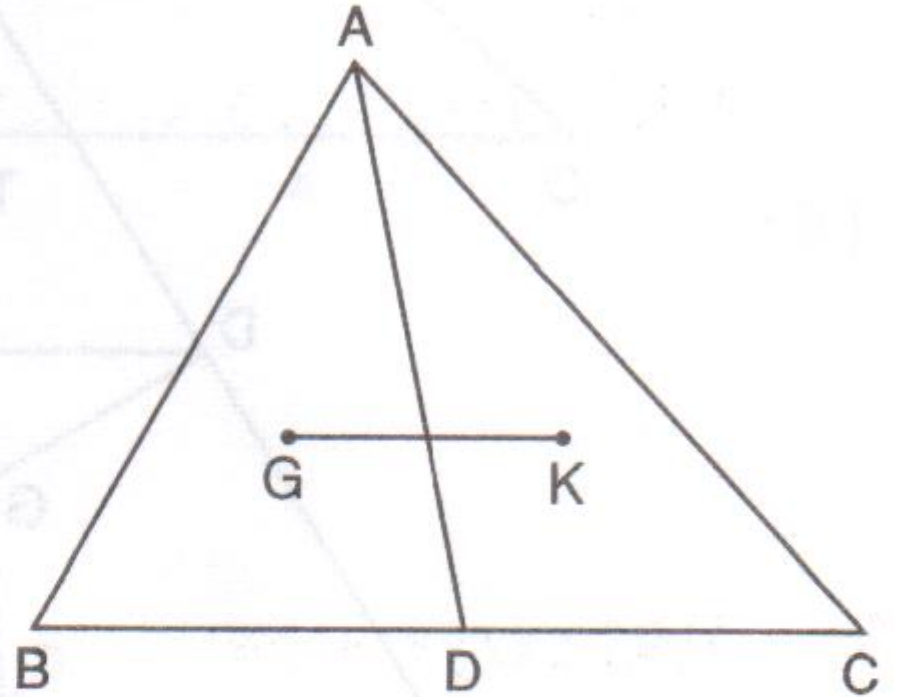
$$|HD| = 2 \text{ cm} \text{ ise}$$

$$|BD| = |DC| = x$$

kaç cm dir?



14. ABC üçgeninde
 $|GK| = 12$ cm
olmak üzere,
ABD üçgeninin
ağırlık merkezi G
ve ADC üçgeninin
ağırlık merkezi K ise $|BC|$ kaç cm dir?



(36)

15. ABC üçgeninde

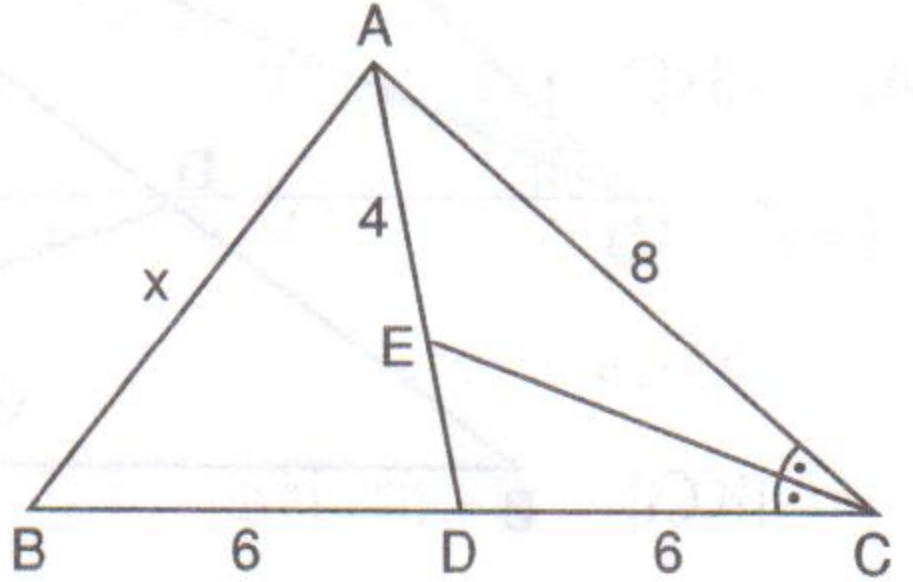
[CE] açıortay

[AD] kenarortay

$|AE| = 4$ cm

$|AC| = 8$ cm

$|BD| = |DC| = 6$ cm ise $|AB| = x$ kaç cm dir?



($\sqrt{106}$)