

Решите задачу на зомбох чертёж. Подберите инструменты.

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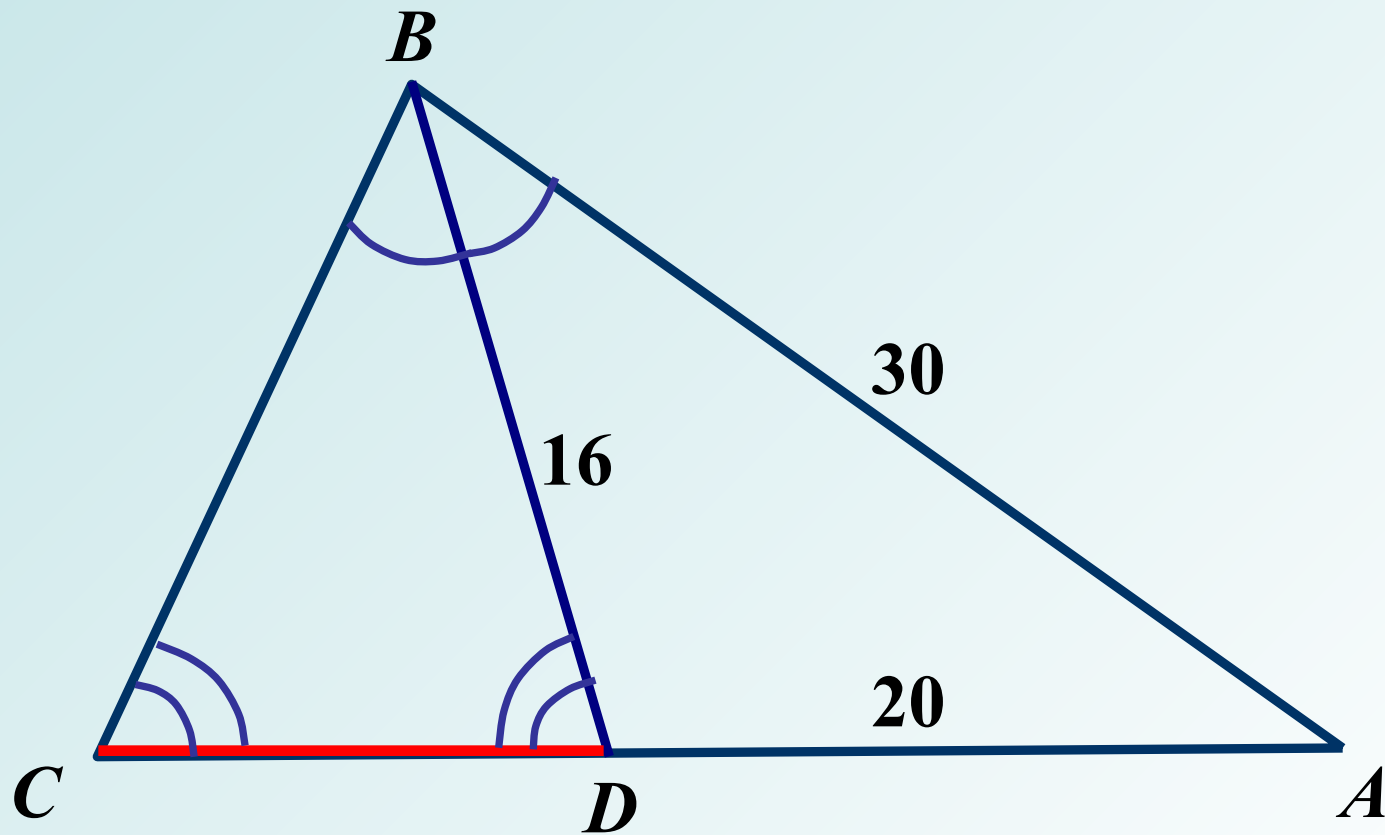
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1.

Дано: $\triangle ABC$

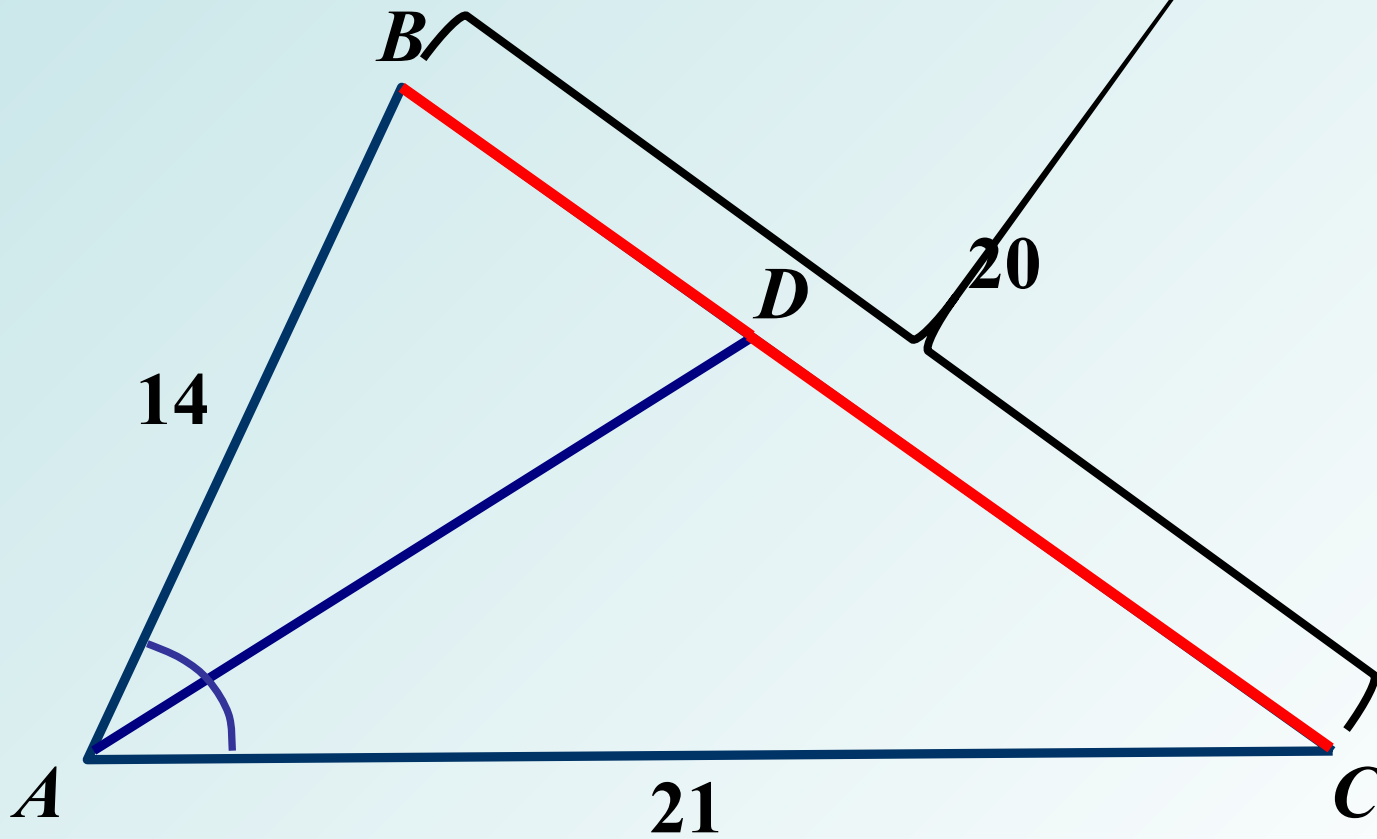
Найти: DC



2.

Дано: $\triangle ABC$

Найти: BD, DC



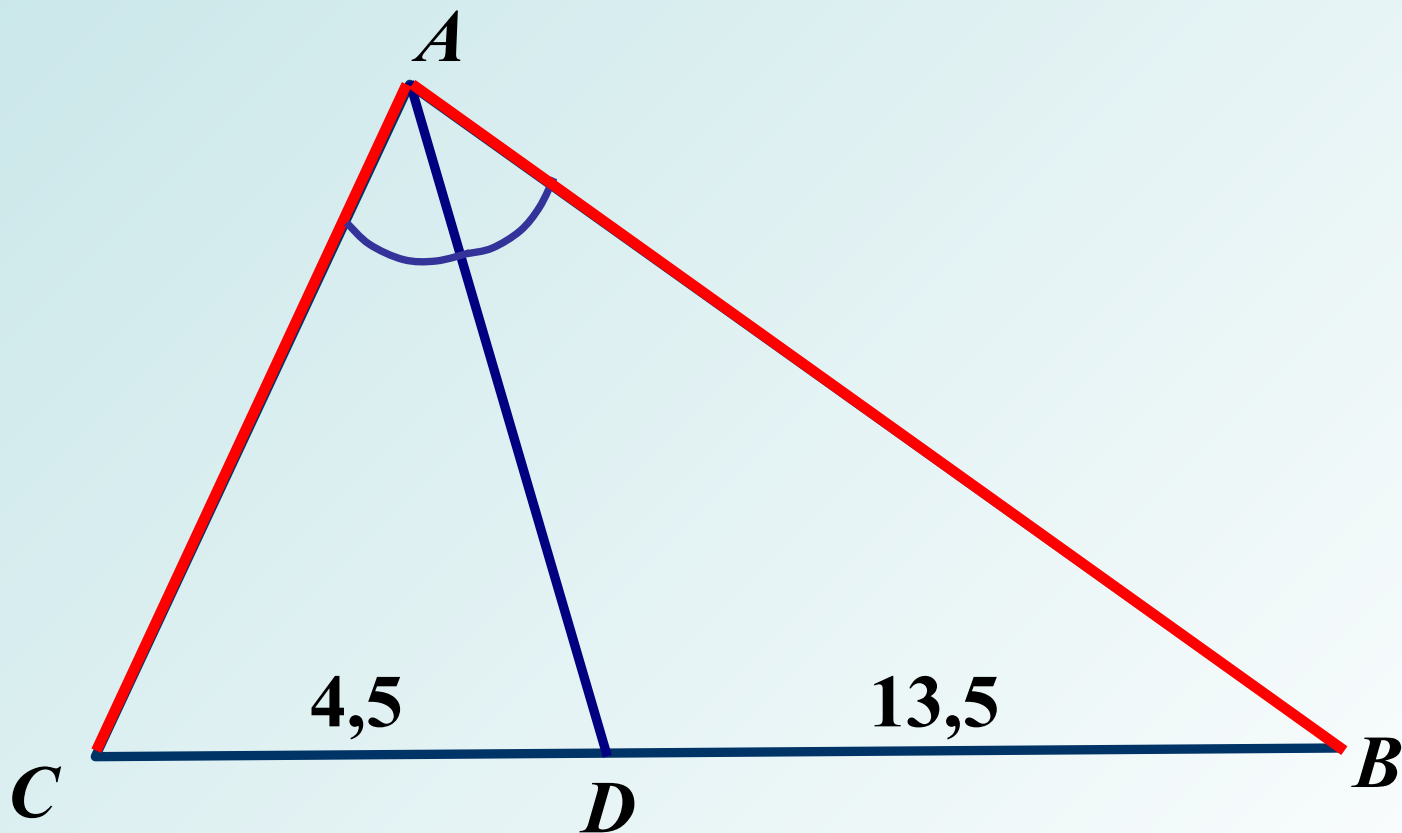
3.

Дано:

$$\triangle ABC, P_{ABC} = 42$$

Найти:

AC, AB

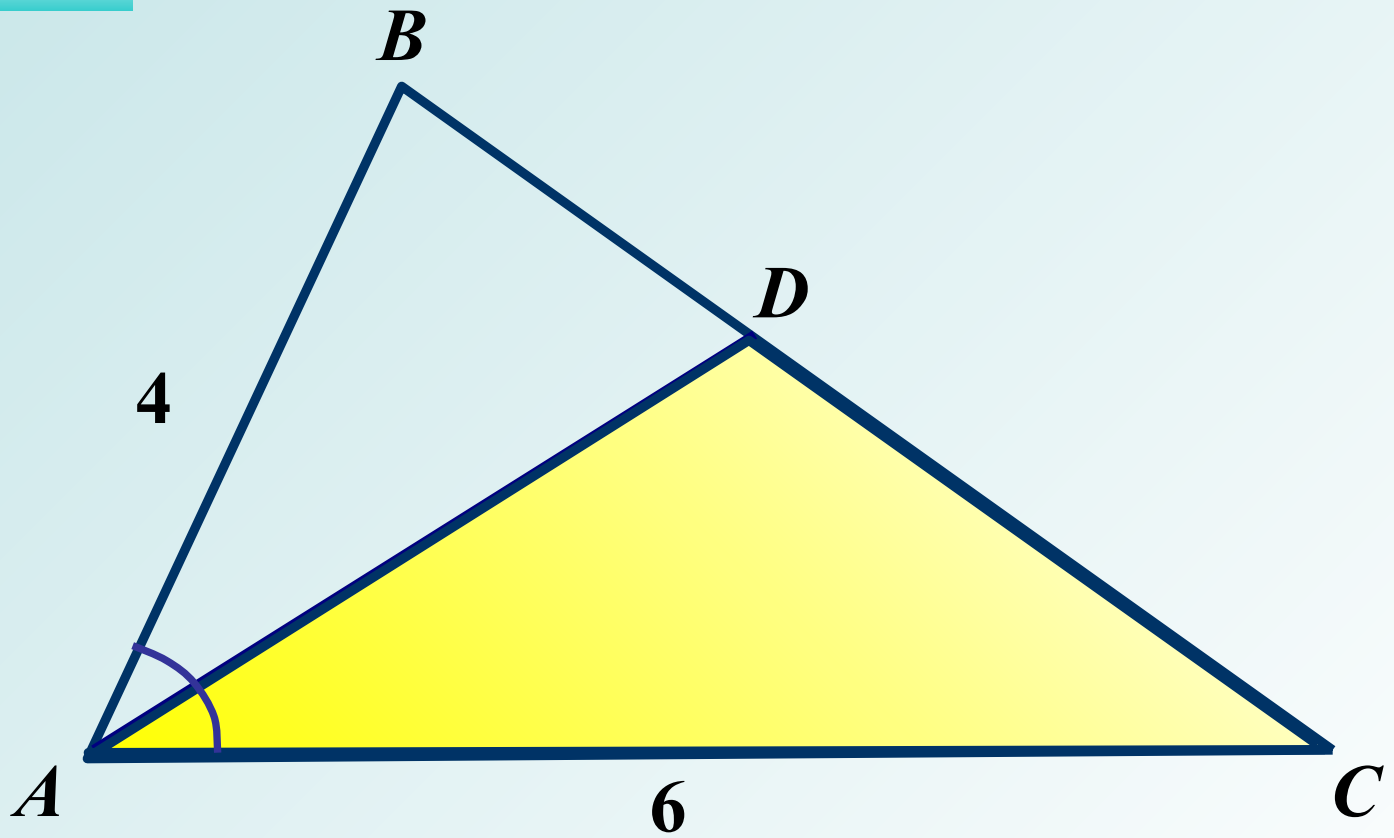


4.?
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Дано: $\triangle ABC$, $S_{ABD} = 12 \text{ см}^2$

Найти:

S_{ABB}

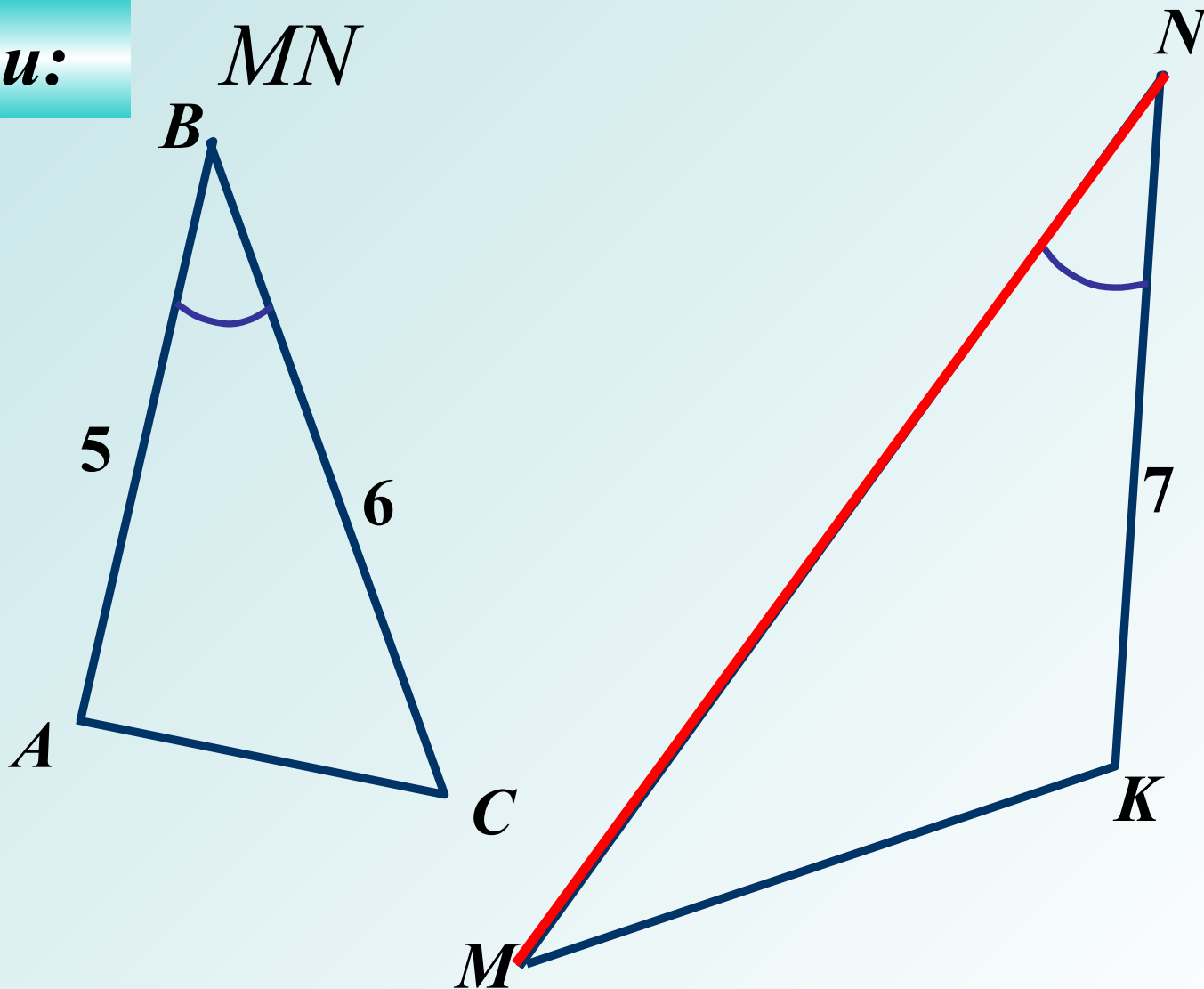


5.

Дано:

$$S_{ABC} : S_{MNK} = 3 : 7$$

Найти:



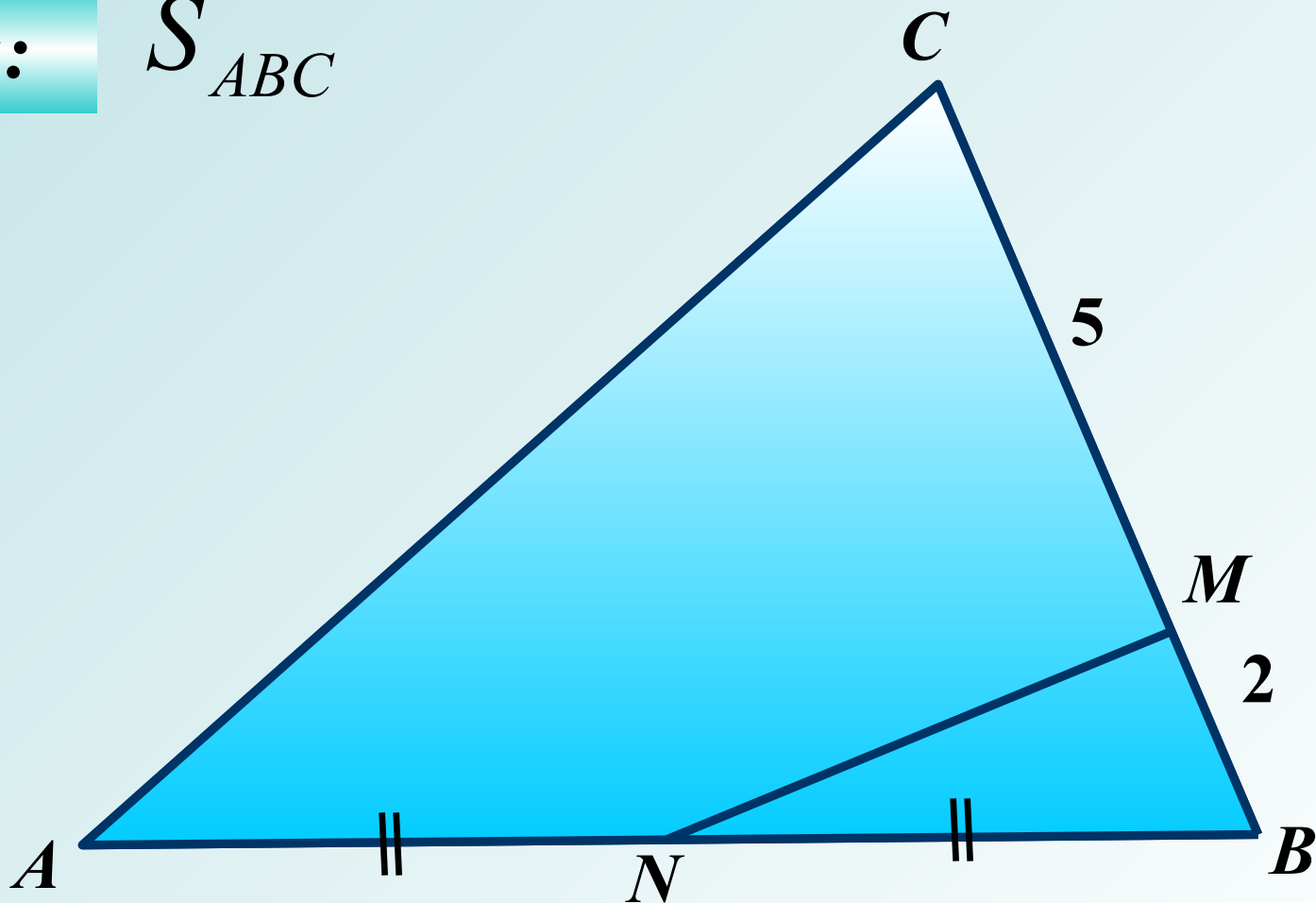
6.

Дано:

$$\Delta ABC, S_{BNM} = 4\text{см}^2$$

Найти:

$$S_{ABC}$$



7.

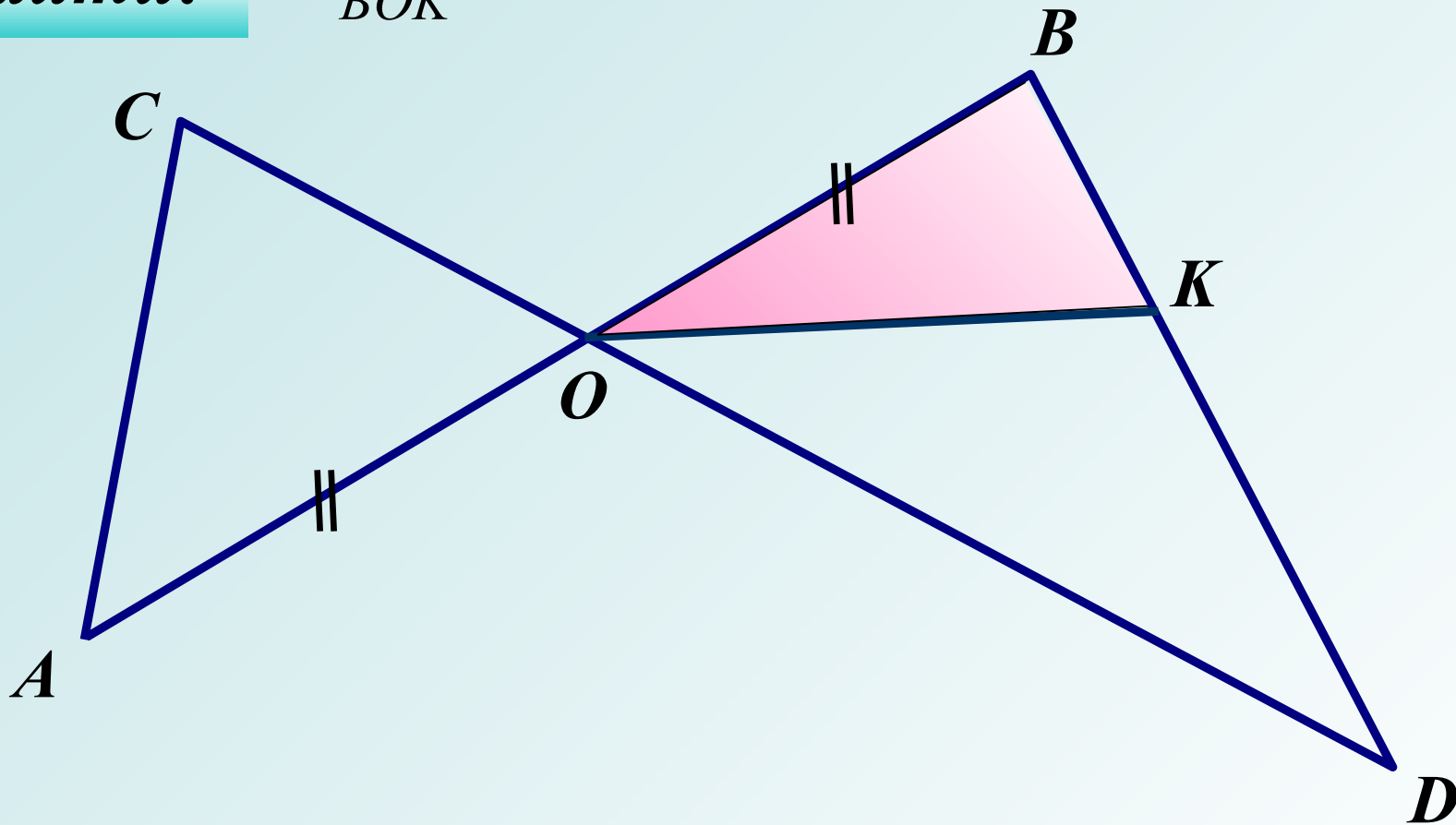
Дано:

$$BK : KD = 1 : 3$$

$$CO : OD = 2 : 3, S_{AOC} = 4\text{см}^2$$

Найти:

$$S_{BOK}$$



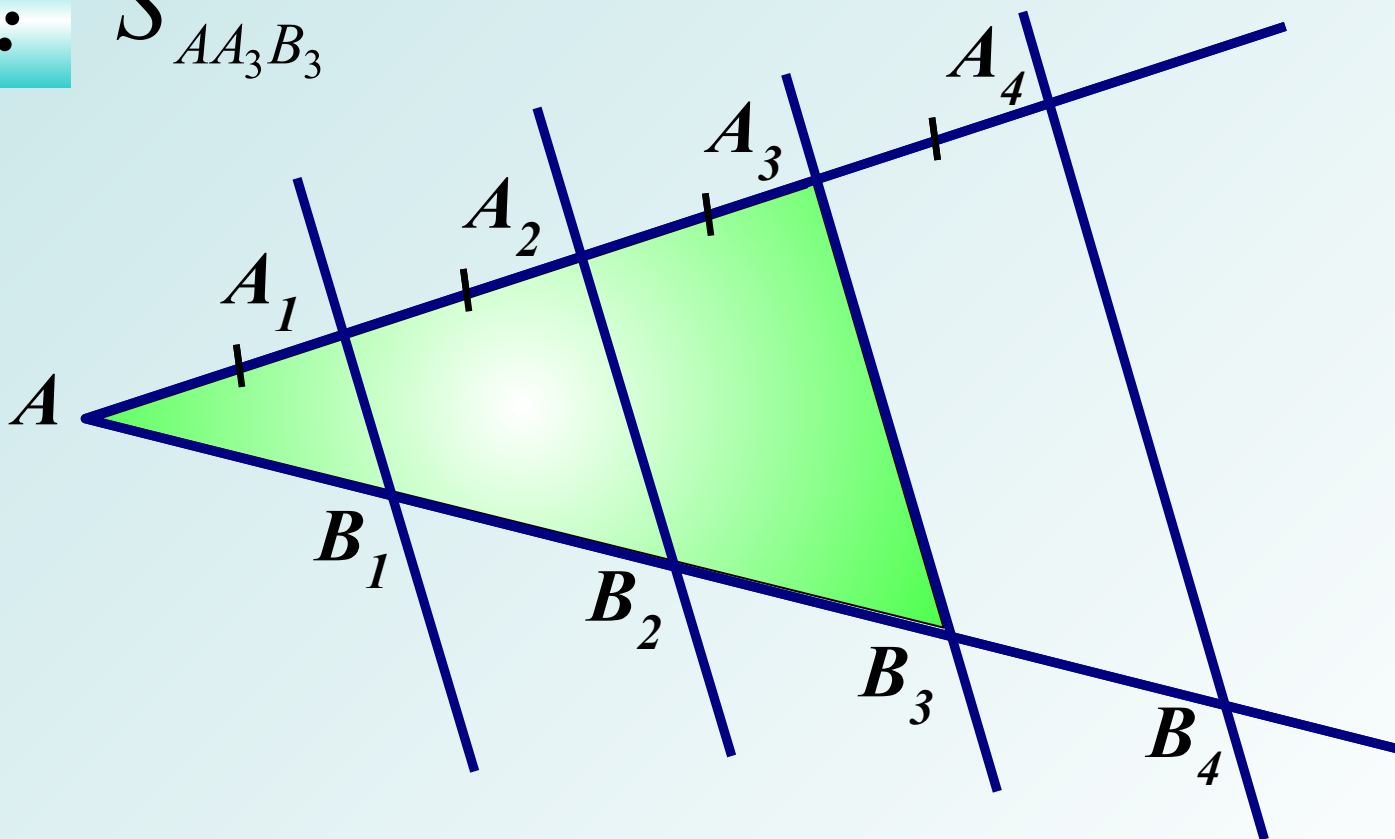
8.

Дано:

$$A_1B_1 \parallel A_2B_2 \parallel A_3B_3 \parallel A_4B_4$$
$$AA_1 = A_1A_2 = A_2A_3 = A_3A_4$$
$$AB_4 = 12\text{ см}, S_{AA_4B_4} = 32\text{ см}^2$$

Найти:

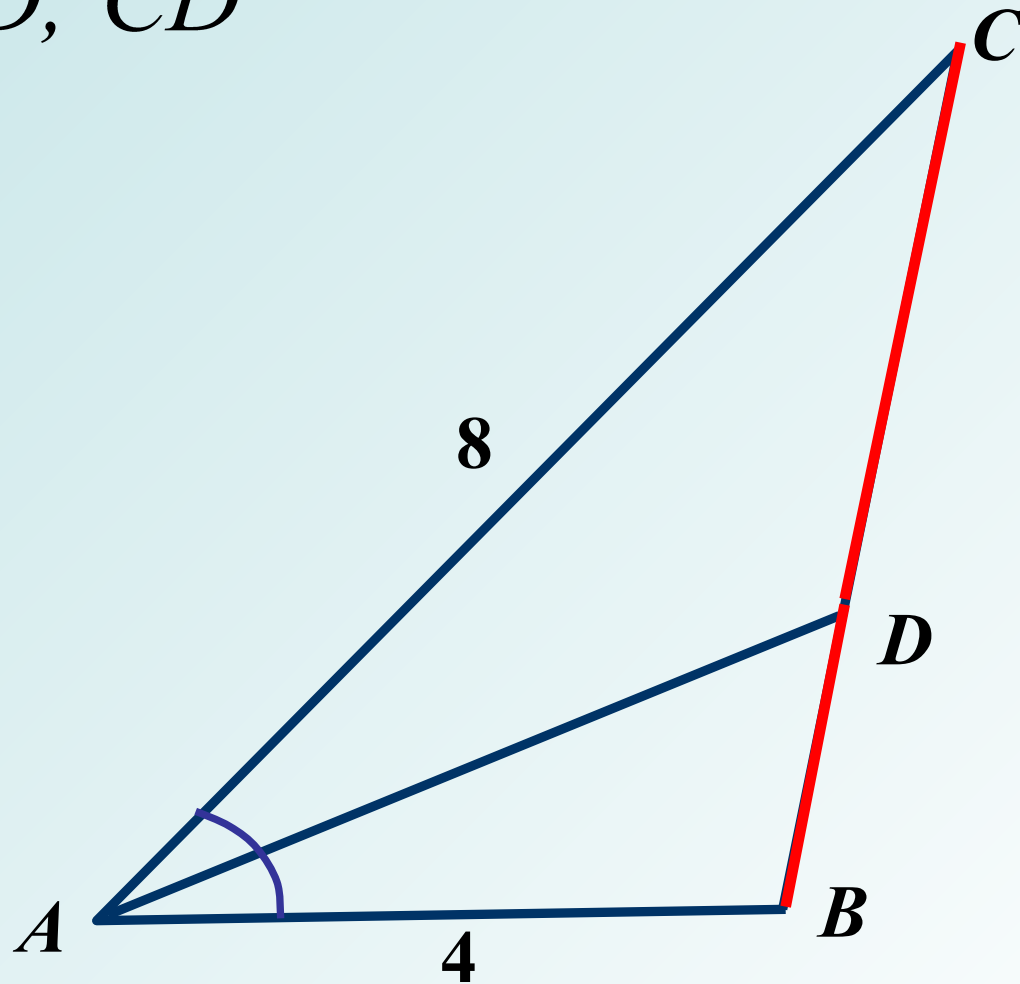
$$S_{AA_3B_3}$$



9.

Дано: $\triangle ABC$, AD – биссектриса
 $AB = 4\text{ см}$, $AC = 8\text{ см}$, $BC = 6\text{ см}$

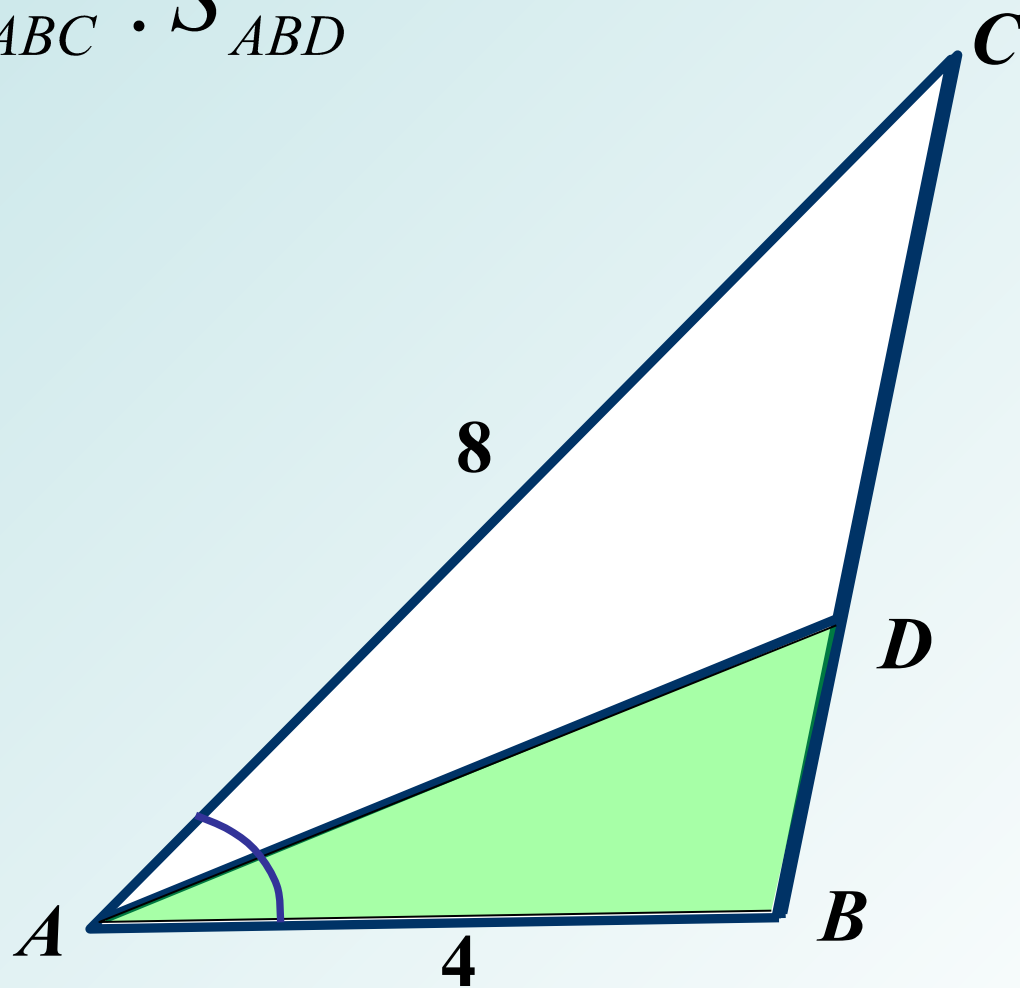
Найти: BD , CD



10.

Дано: $\triangle ABC$, AD – биссектриса
 $AB = 4\text{ см}$, $AC = 8\text{ см}$, $BC = 6\text{ см}$

Найти: $S_{ABC} : S_{ABD}$



11.

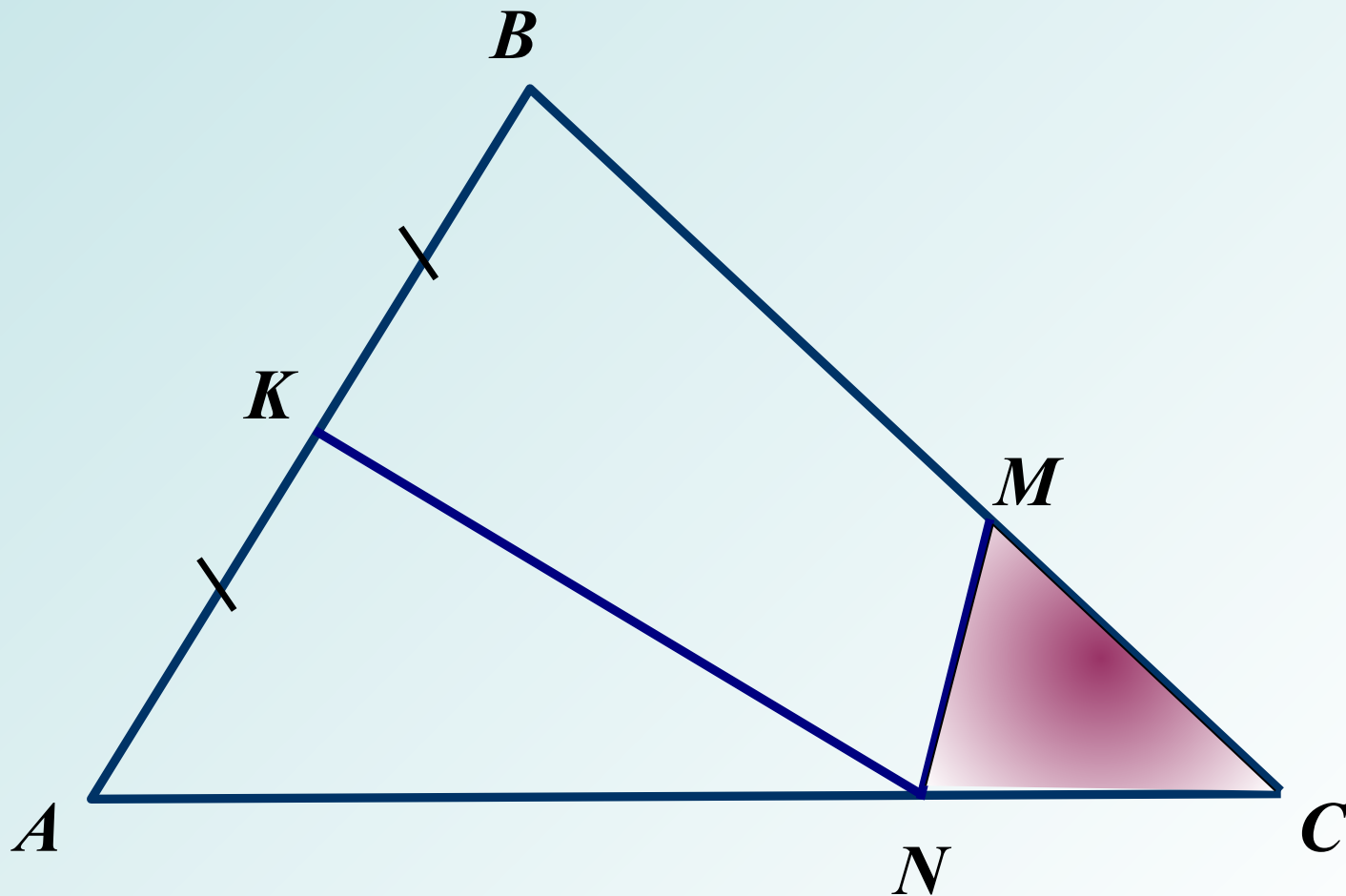
Дано:

$$S_{ABC} = 36 \text{ см}^2, \quad AN : NC = 3 : 1$$

$$BM : MC = 2 : 1, \quad AK = KB$$

Найти:

$$S_{CMN}$$



12.

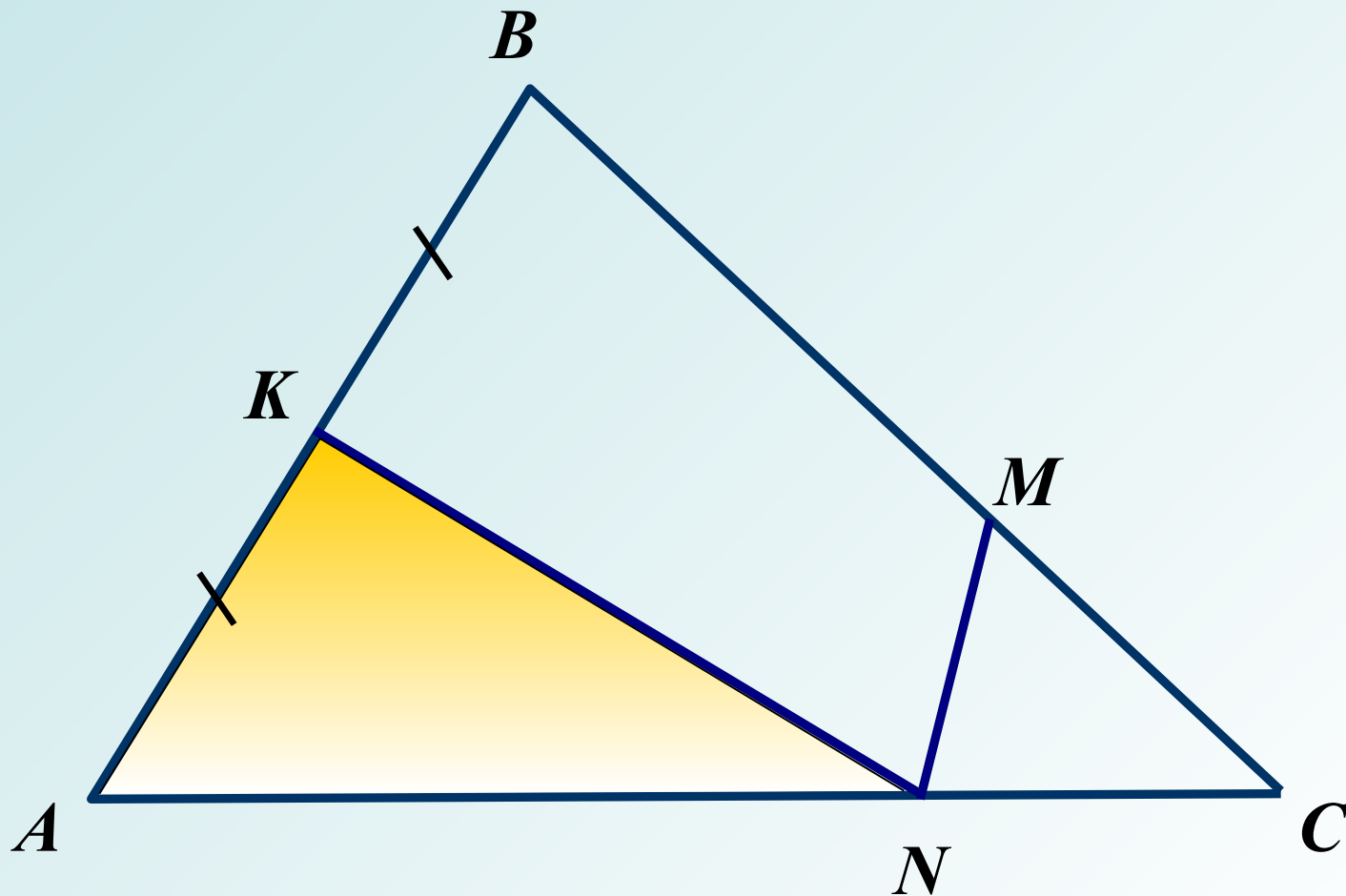
Дано:

$$S_{ABC} = 36 \text{ см}^2, \quad AN : NC = 3 : 1$$

$$BM : MC = 2 : 1, \quad AK = KB$$

Найти:

$$S_{AKN}$$



13.

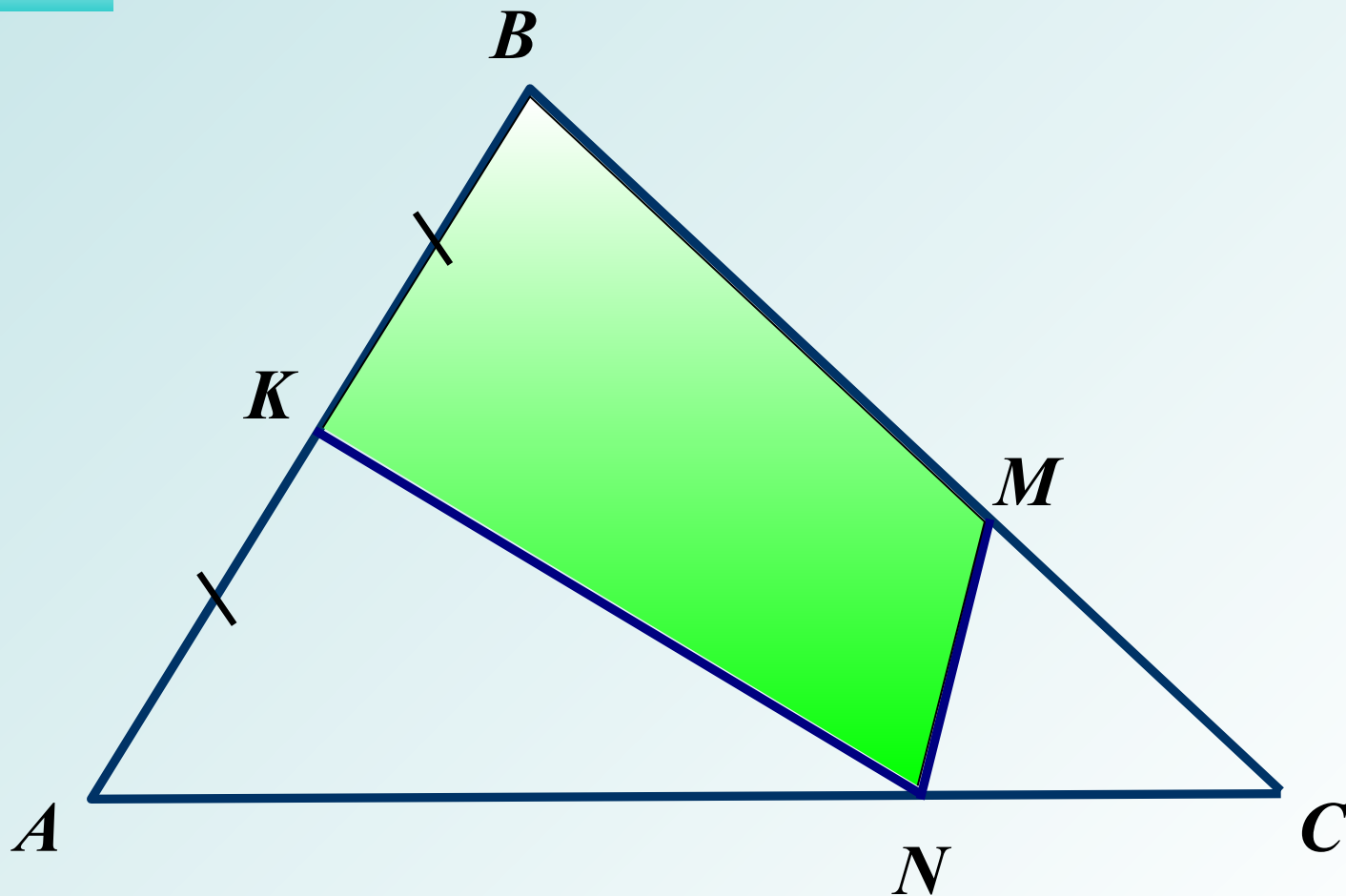
Дано:

$$S_{ABC} = 36 \text{ см}^2, \quad AN : NC = 3 : 1$$

$$BM : MC = 2 : 1, \quad AK = KB$$

Найти:

$$S_{BKNM}$$



14.

Дано:

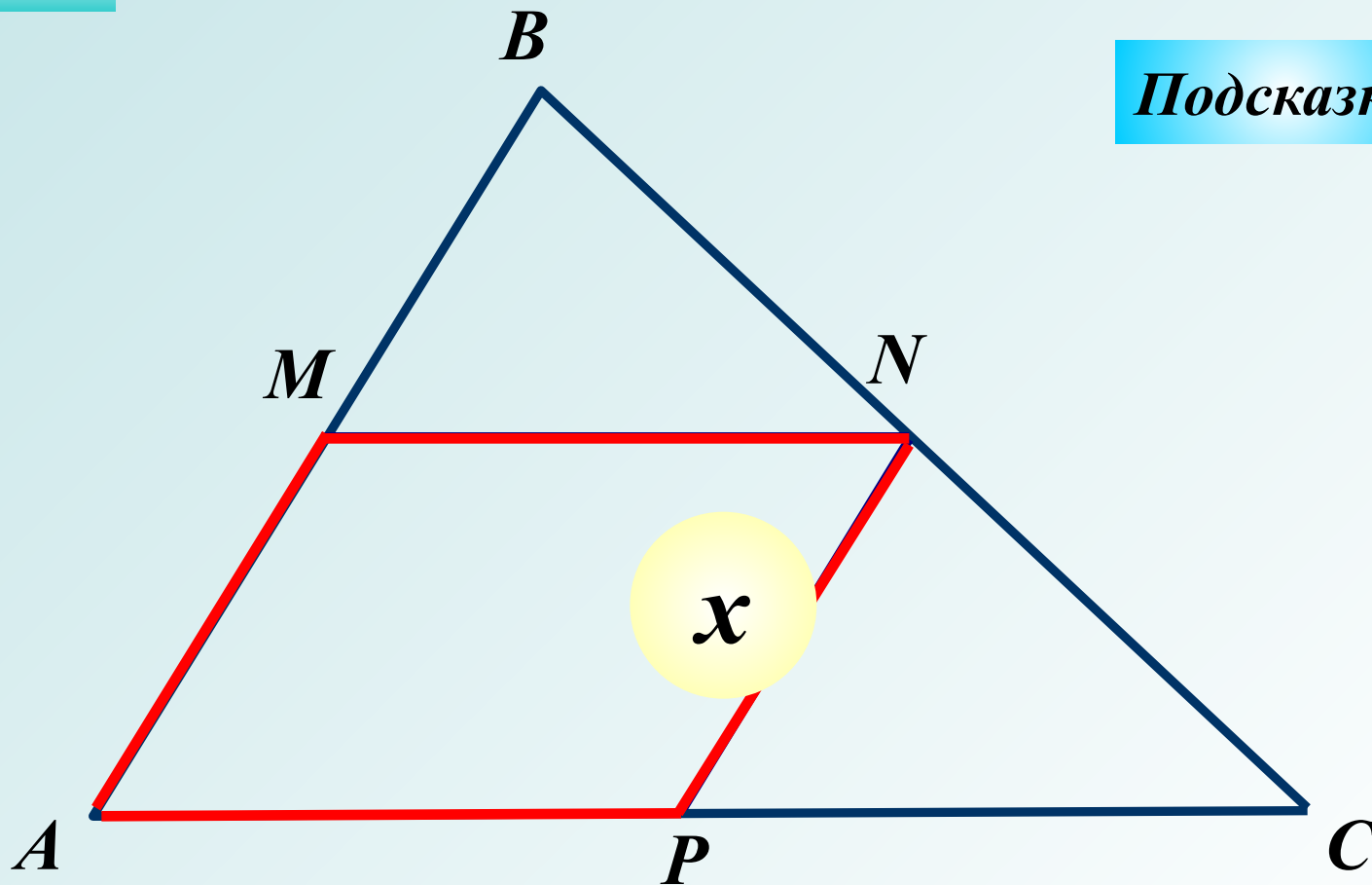
$$AB = 10\text{ см}, AC = 15\text{ см}$$

$$MN \parallel AC, NP \parallel AB, PN : MN = 2 : 3$$

Найти:

$$AM, MN, NP, AP$$

Подсказка.



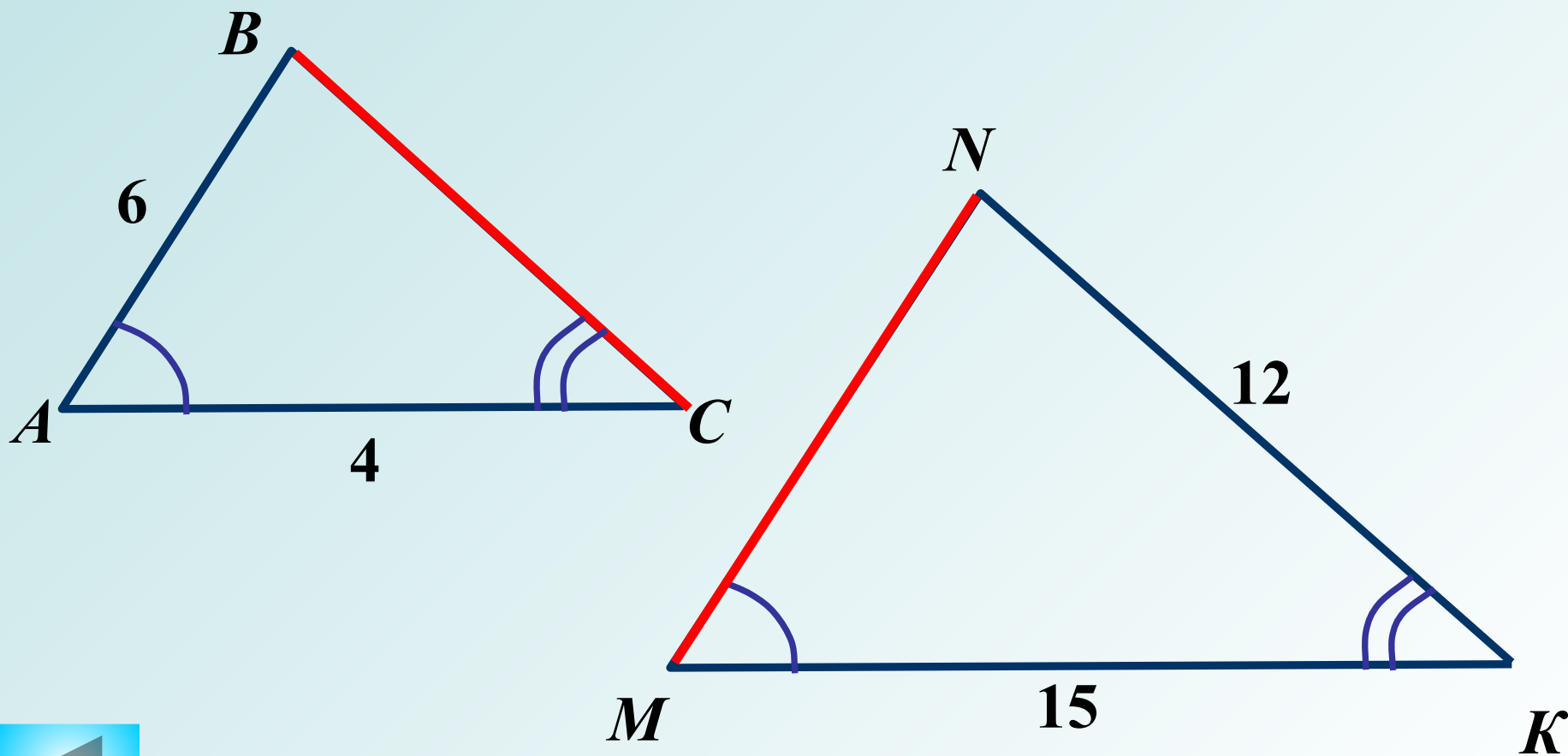
15.

Дано:

$\triangle ABC, \triangle MNK$

Найти:

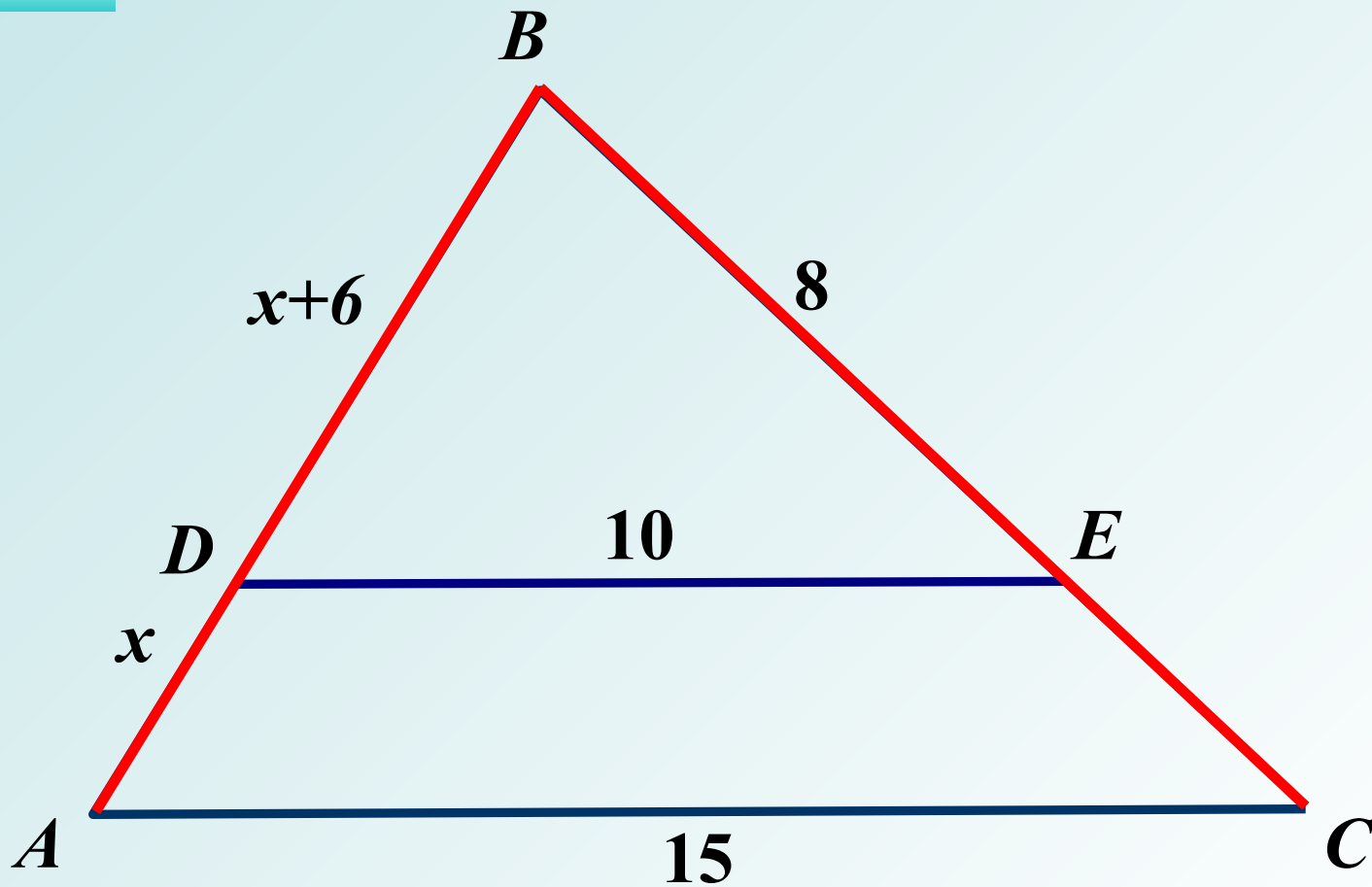
BC, MN



16.

Дано: $\triangle ABC$, $DE \parallel AC$

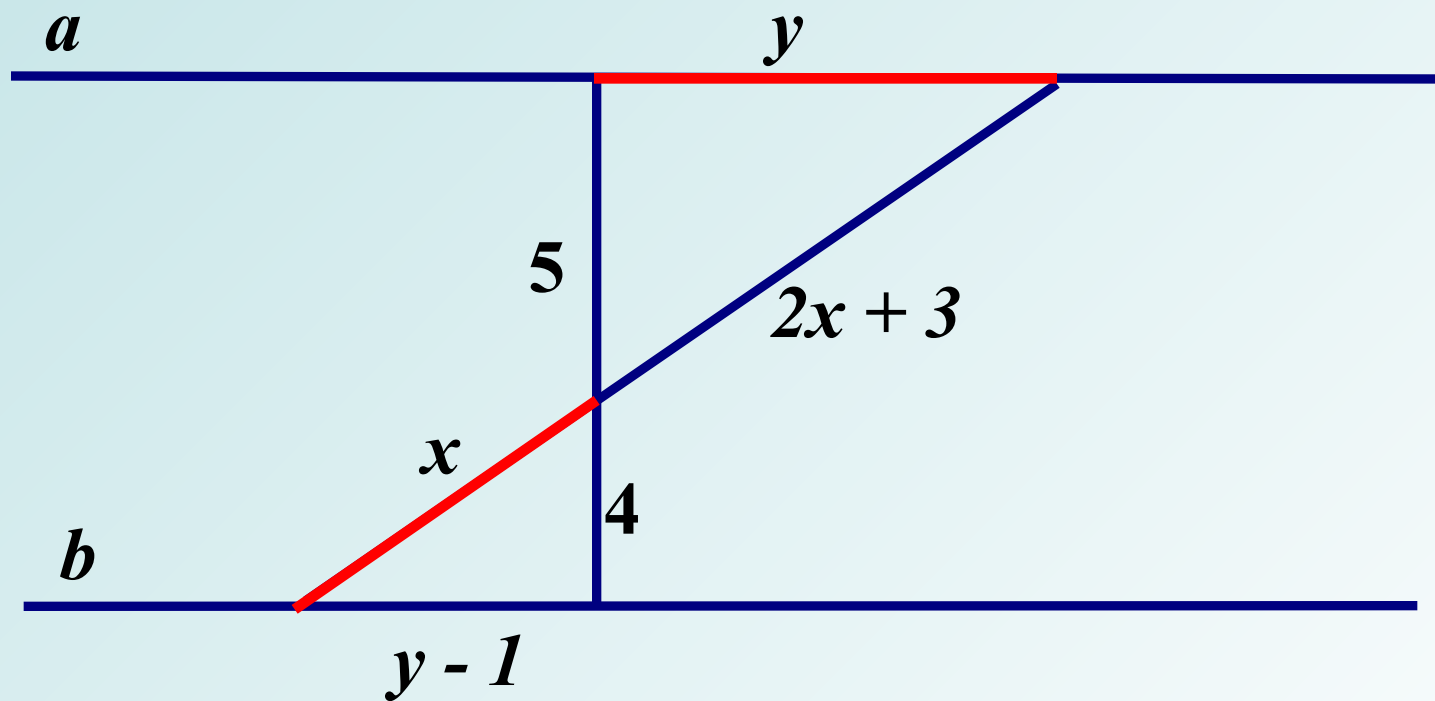
Найти: AB , BC



17.

Дано: $a \parallel b$

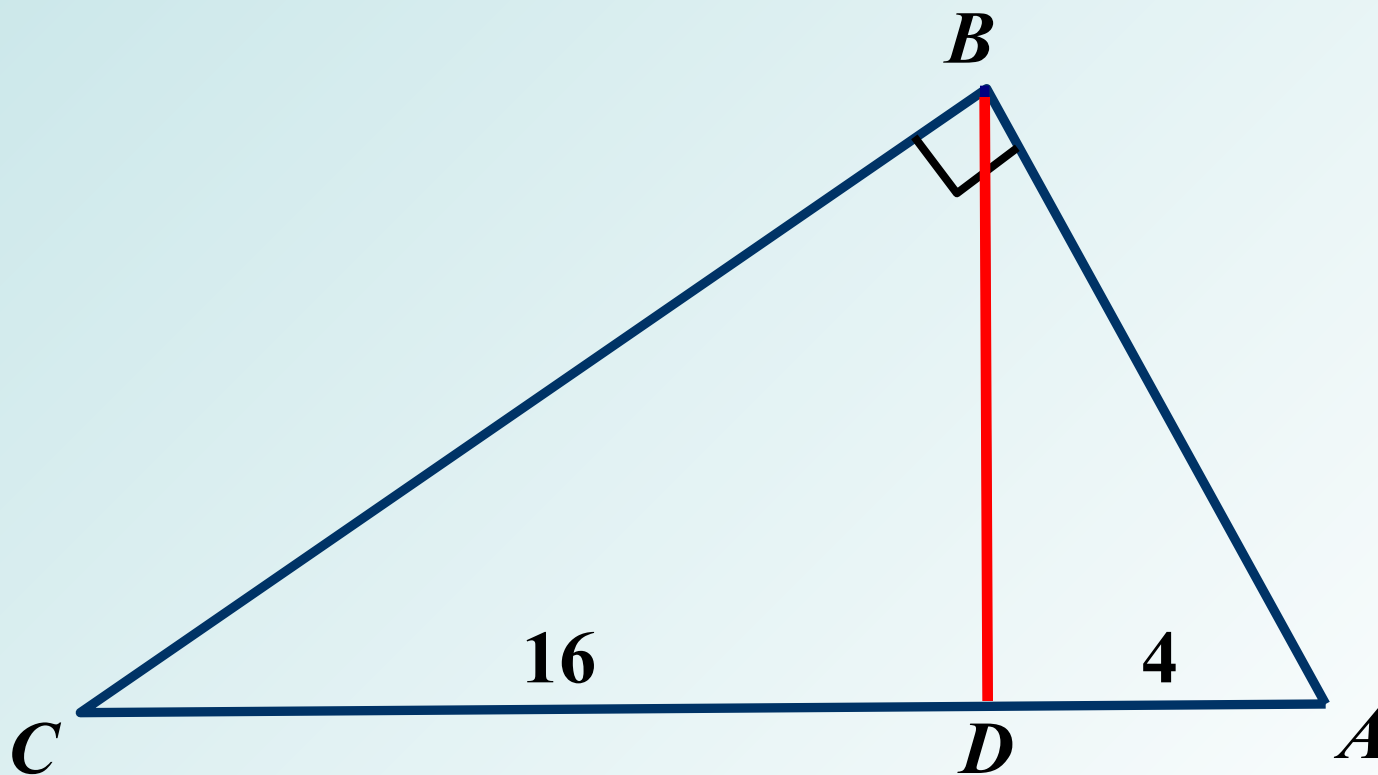
Найти: x, y



18.

Дано: $\triangle ABC$

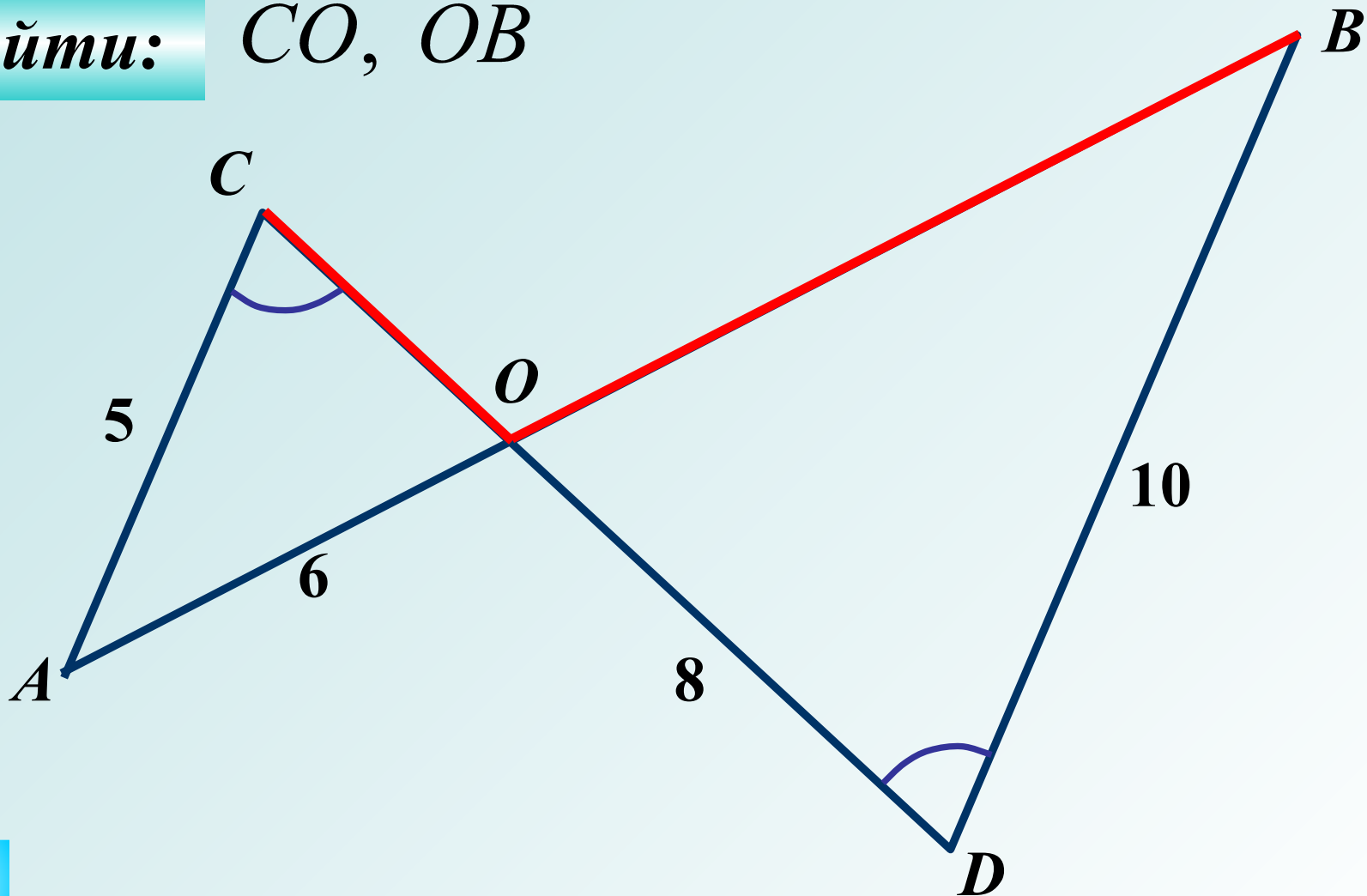
Найти: BD



19.

Дано: $AC \parallel BD$

Найти: CO, OB



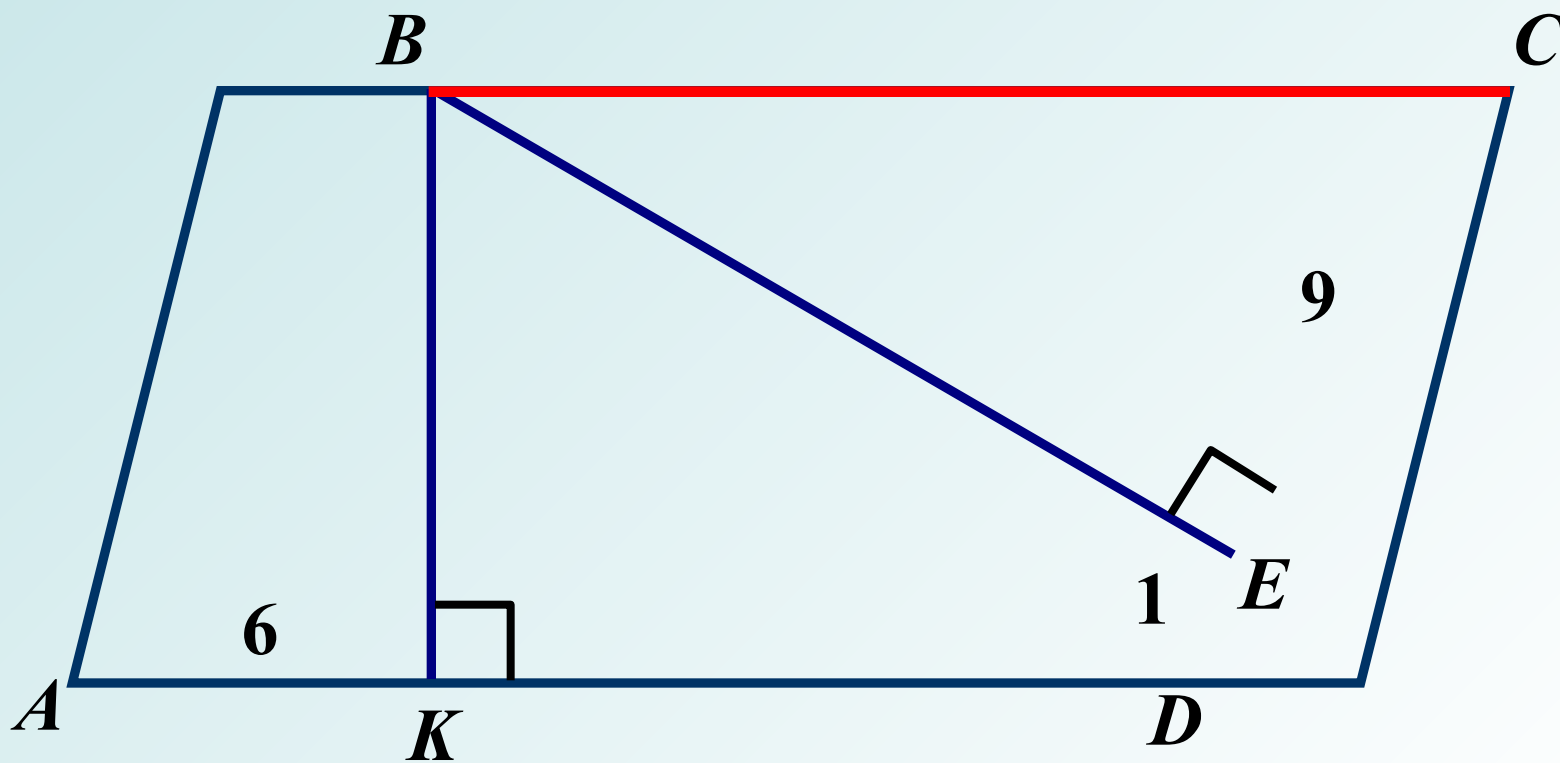
20.

Дано:

$ABCD$ – параллелограмм

Найти:

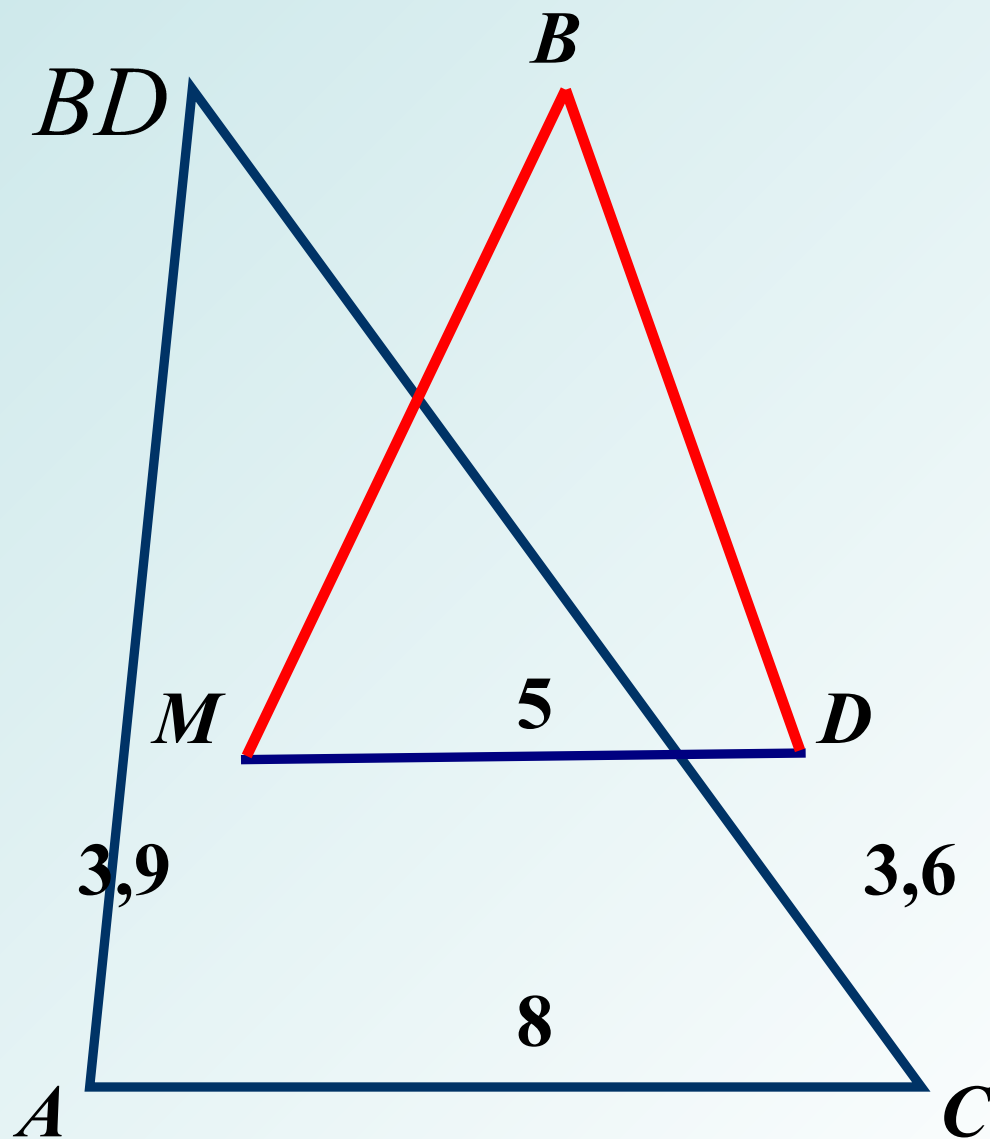
BC



21.

Дано: $AMDC$ – трапеция

Найти: BM, BD



22.

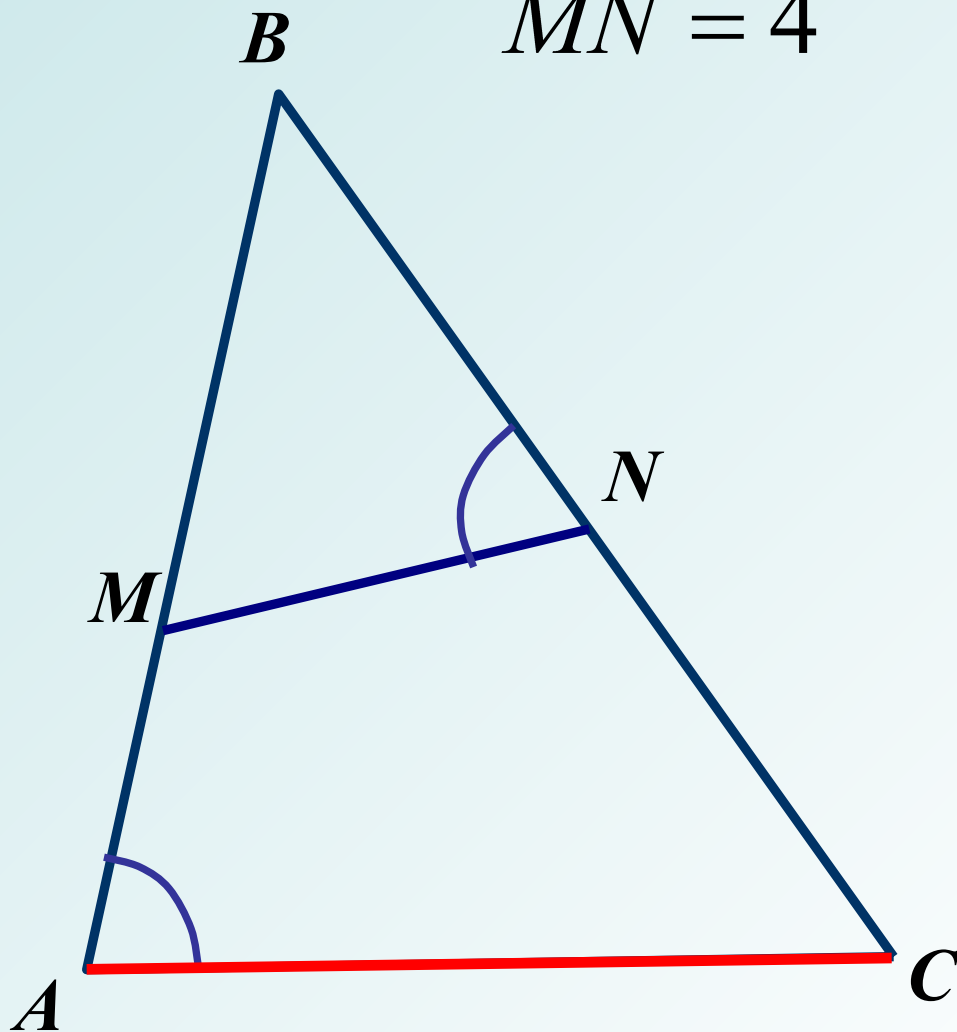
Дано:

$\triangle ABC$, $BC = 12$, $BM = 6$

$MN = 4$

Найти:

AC



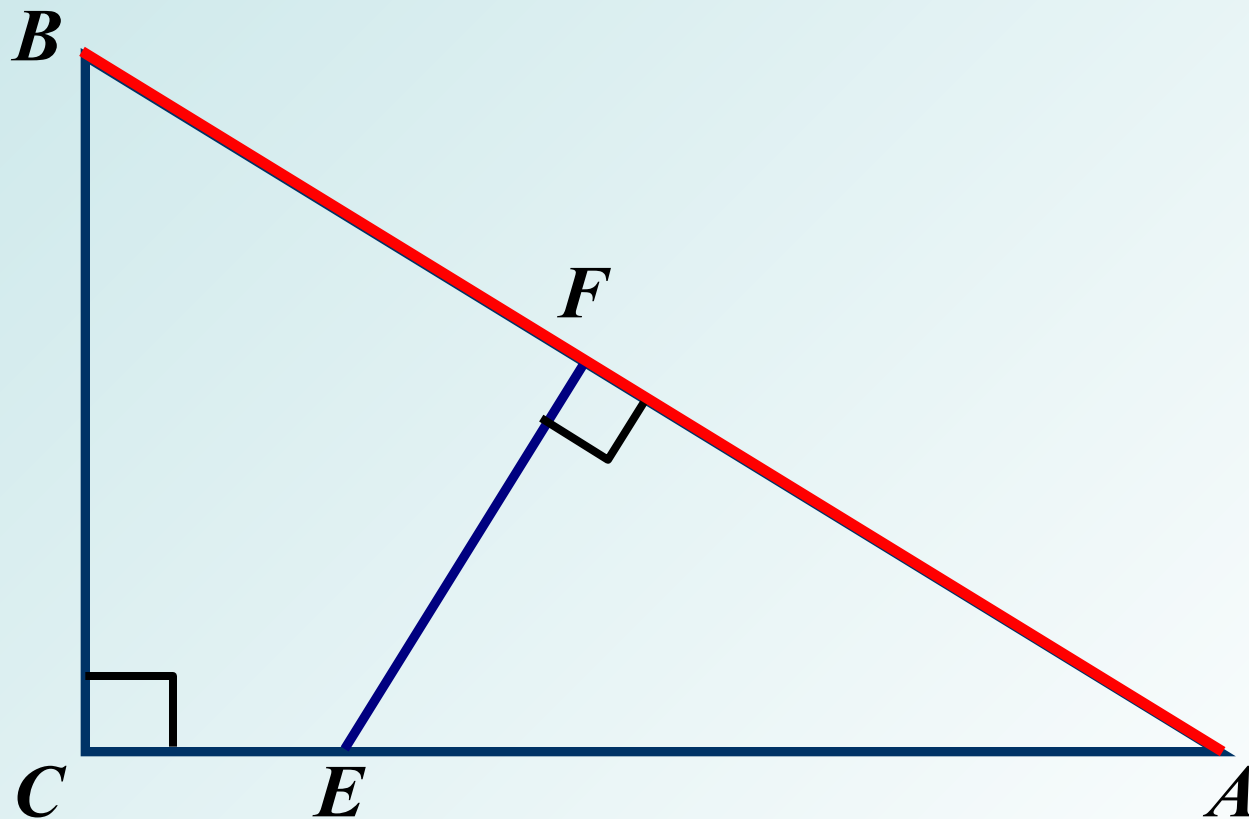
23.

Дано:

$\triangle ABC$, $BC \perp AC$, $EF \perp AB$
 $BC = 12$, $AE = 10$, $EF = 6$

Найти:

AB



24.

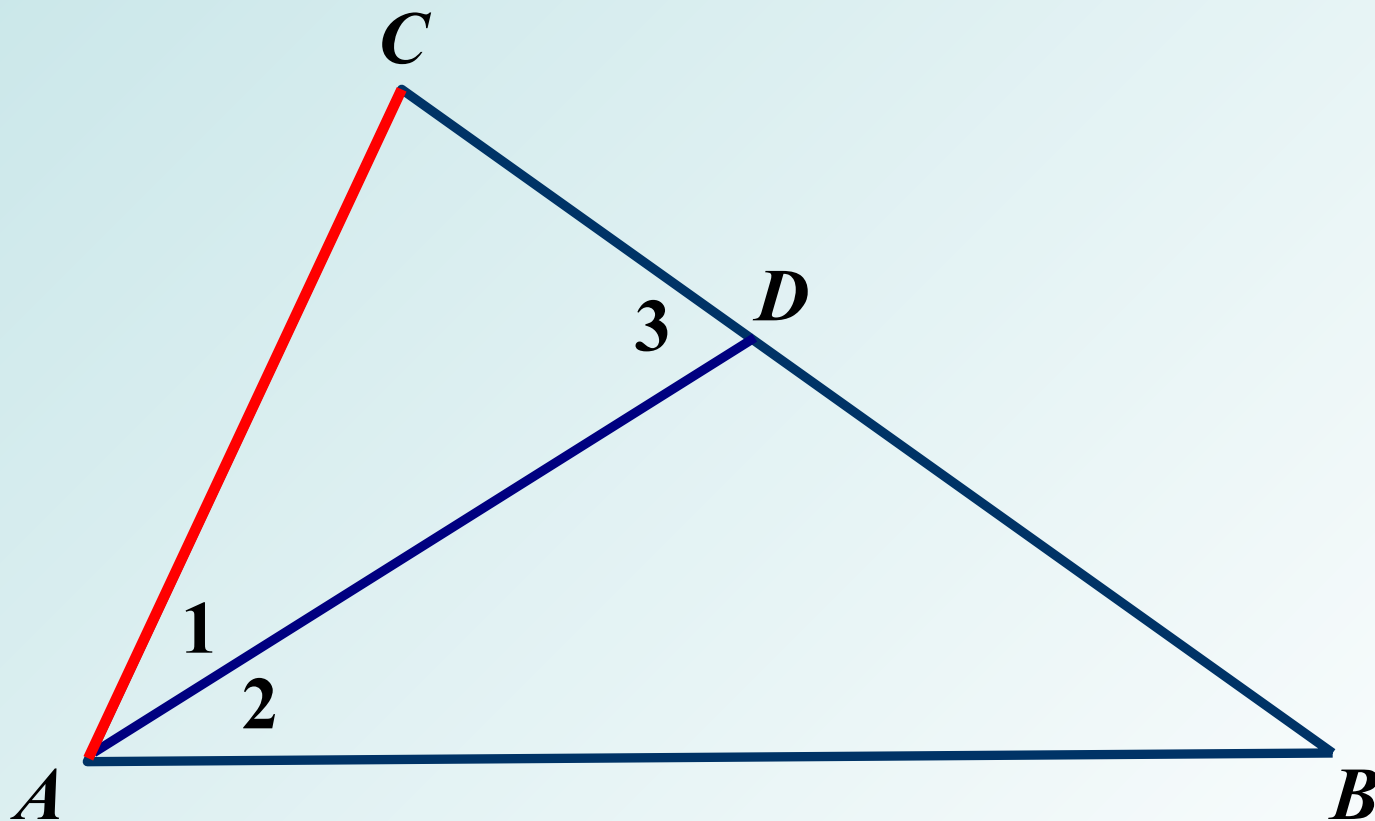
Дано:

$$\triangle ABC, \angle 3 = \angle 1 + \angle 2$$

$$CD = 4, BC = 9$$

Найти:

AC



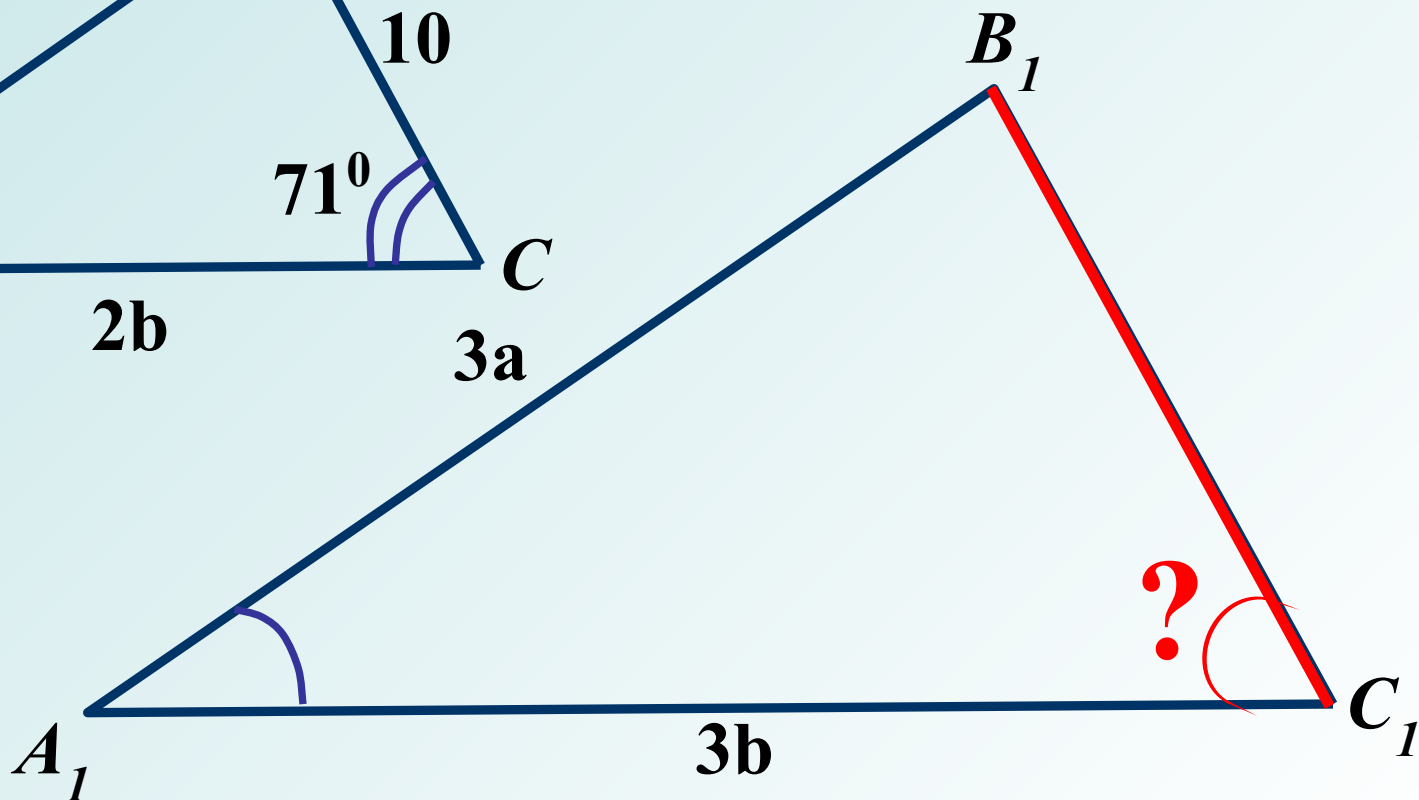
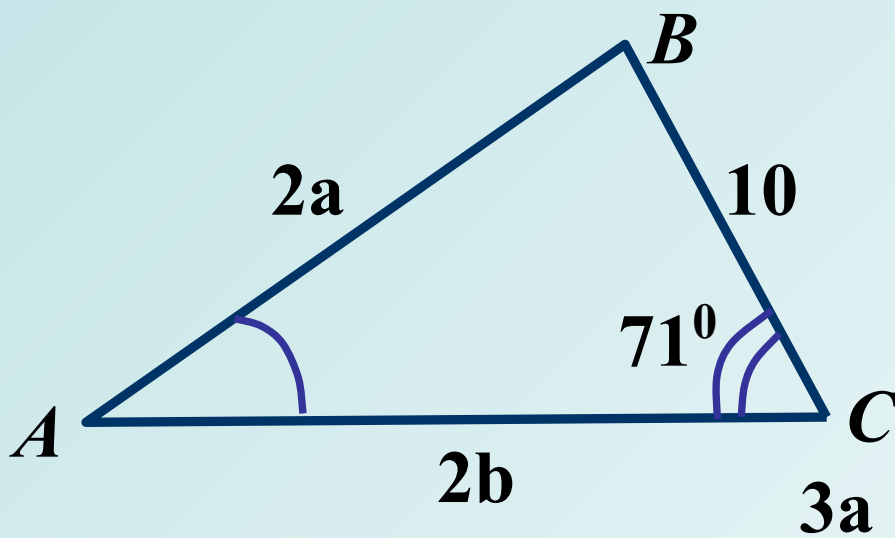
25.

Дано:

$\triangle ABC, \triangle A_1B_1C_1$

Найти:

$\angle C_1, B_1C_1$



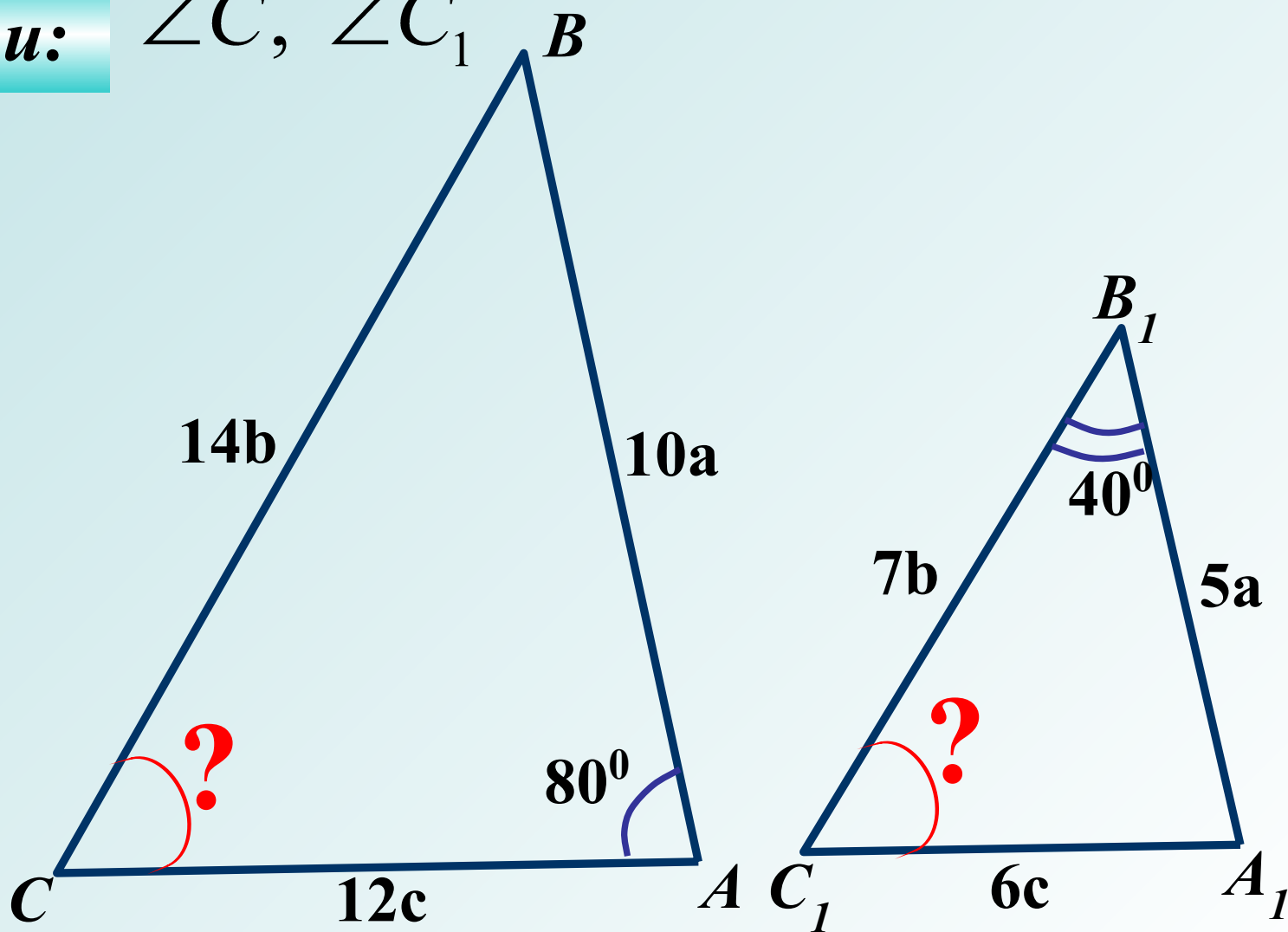
26.

Дано:

$\triangle ABC, \triangle A_1B_1C_1$

Найти:

$\angle C, \angle C_1$



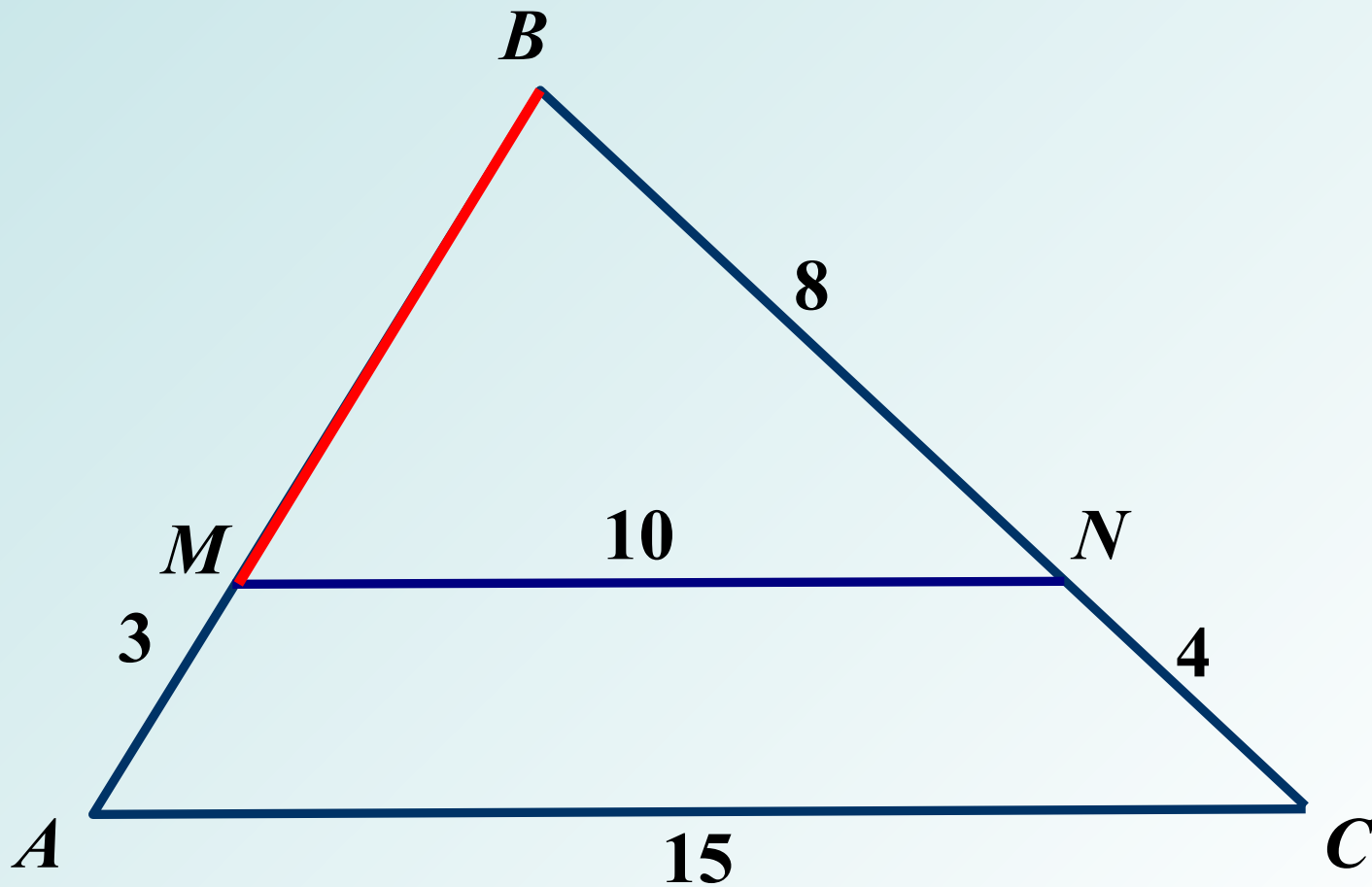
27.

Дано:

$\triangle ABC$, $\triangle MBN$

Найти:

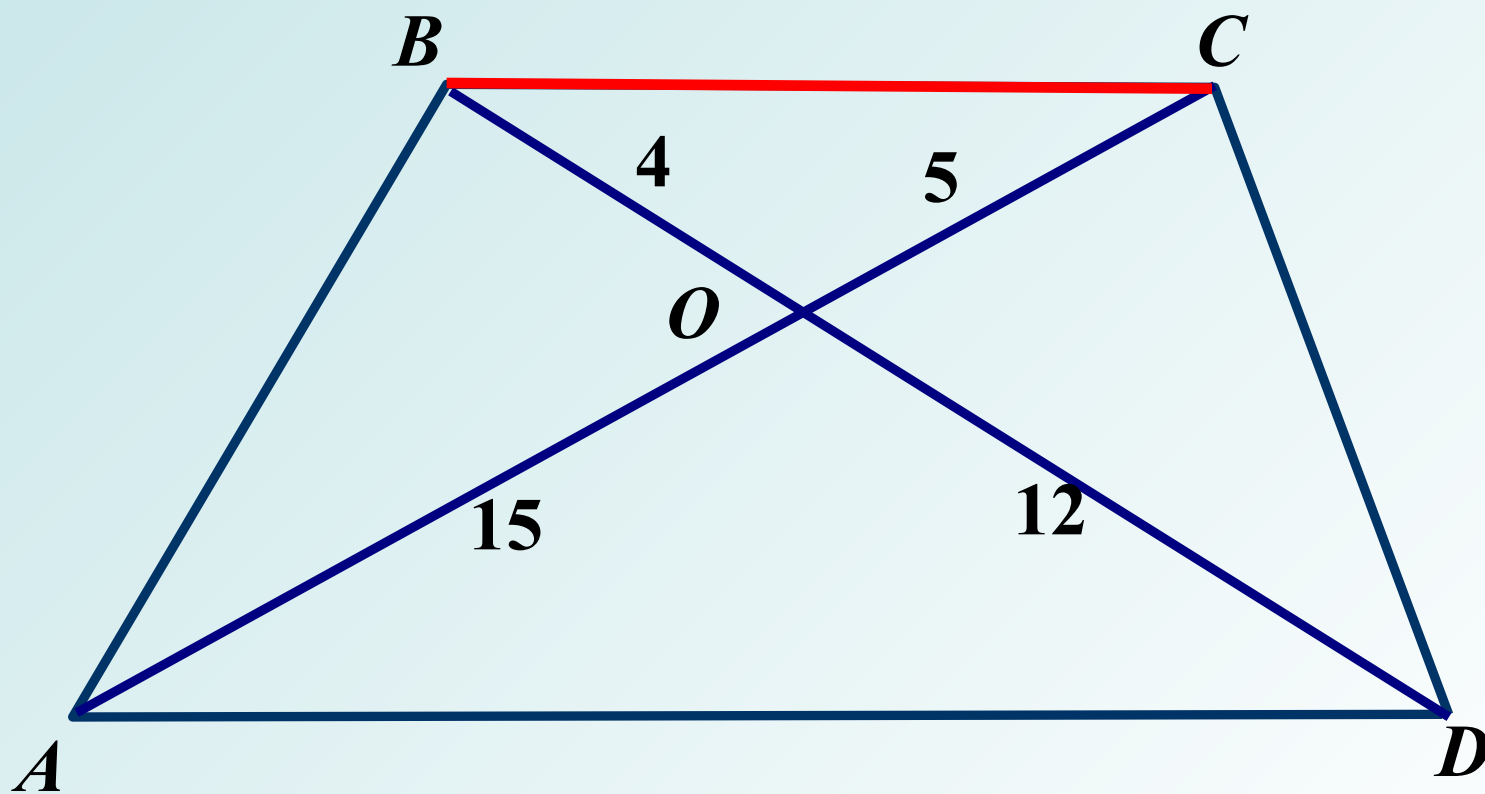
BM



28.

Дано: $ABCD$ – трапеция

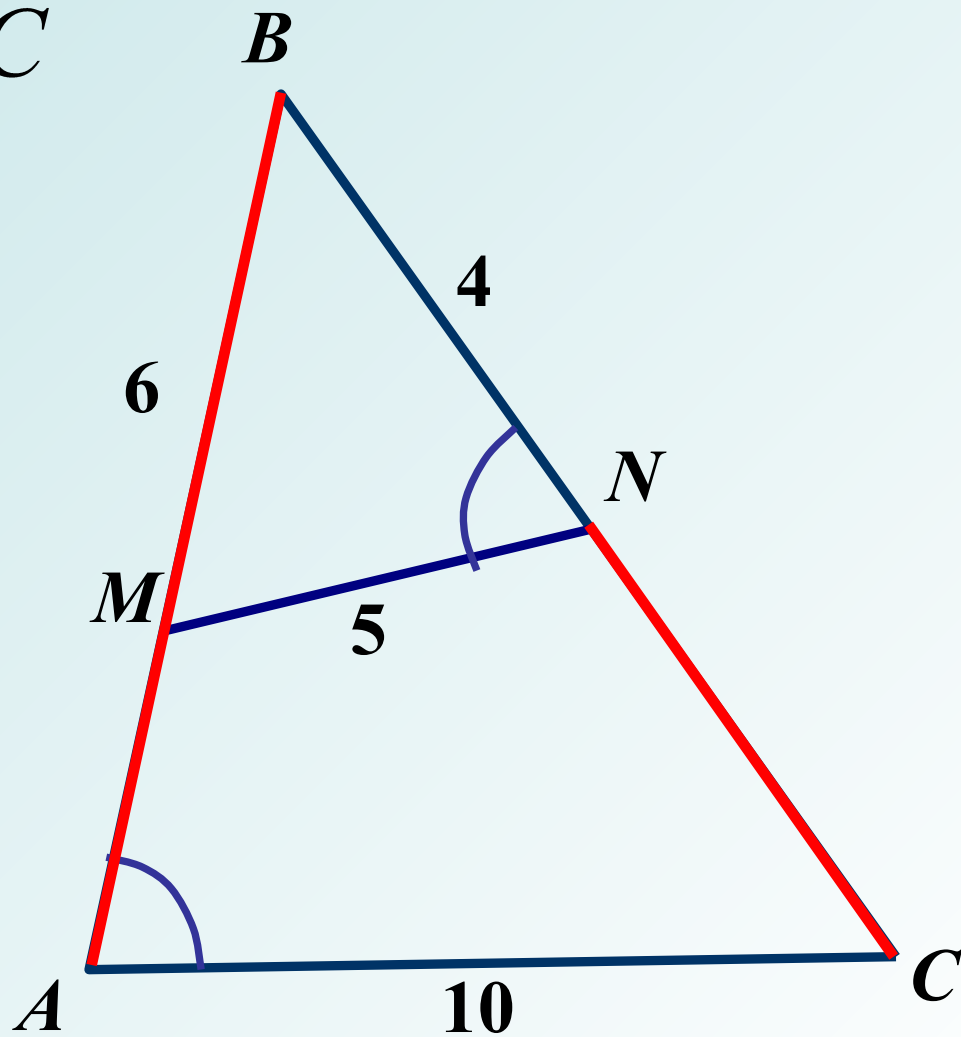
Найти: BC



29.

Дано: $\triangle ABC$

Найти: AB, NC



30.

Дано:

$$\triangle ABC, MN \parallel AC$$
$$S_{ABC} : S_{BNM} = 49 : 25$$

Найти:

AC

