

*Решение задач  
на готовых чертежах.*

*Прямоугольный  
треугольник.*

*Геометрия.  
8 класс.*

*Каратанова Марина Николаевна  
МОУ СОШ №256 г.Фокино*



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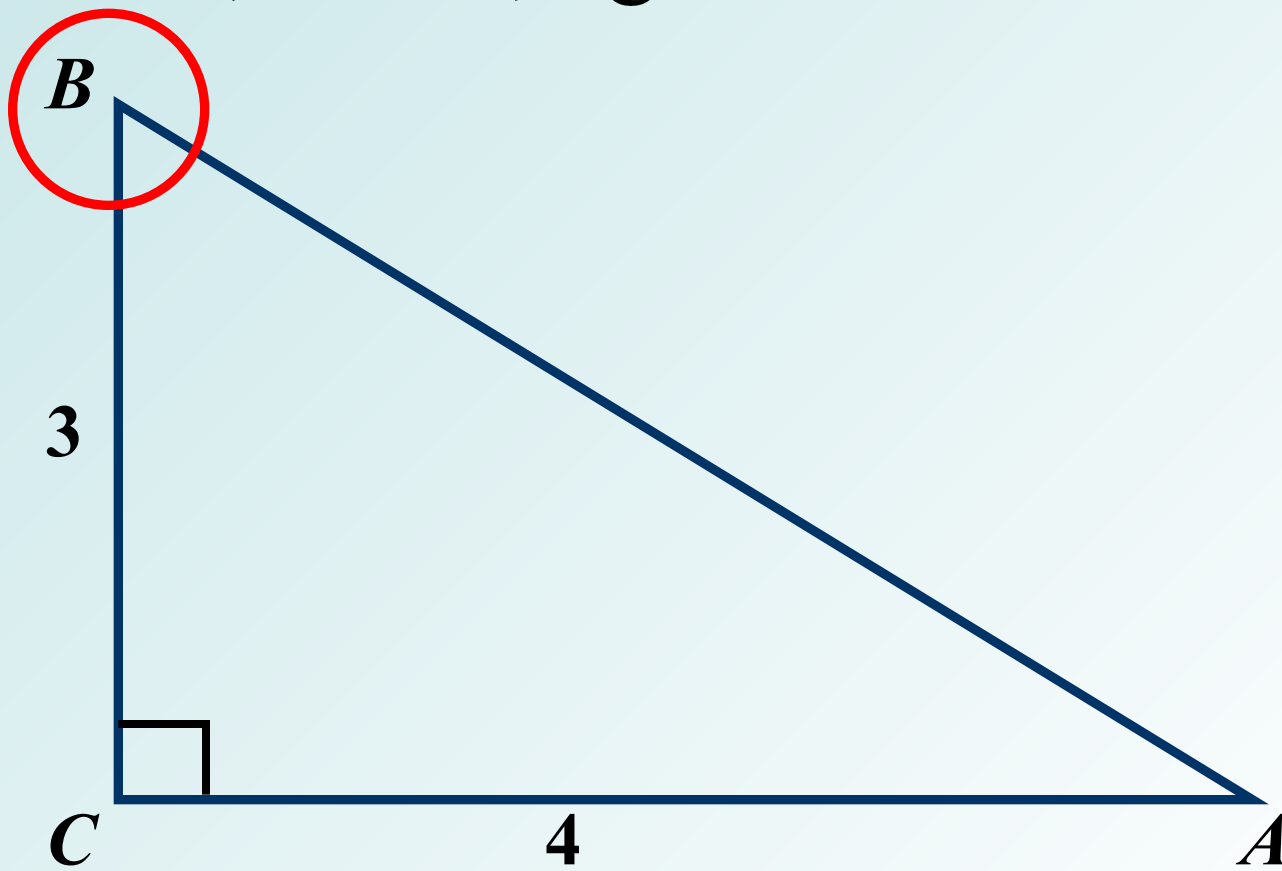
**30**

1.

*Дано:*  $\triangle ABC$

*Найти:*

$\sin B$ ,  $\cos B$ ,  $\operatorname{tg} B$



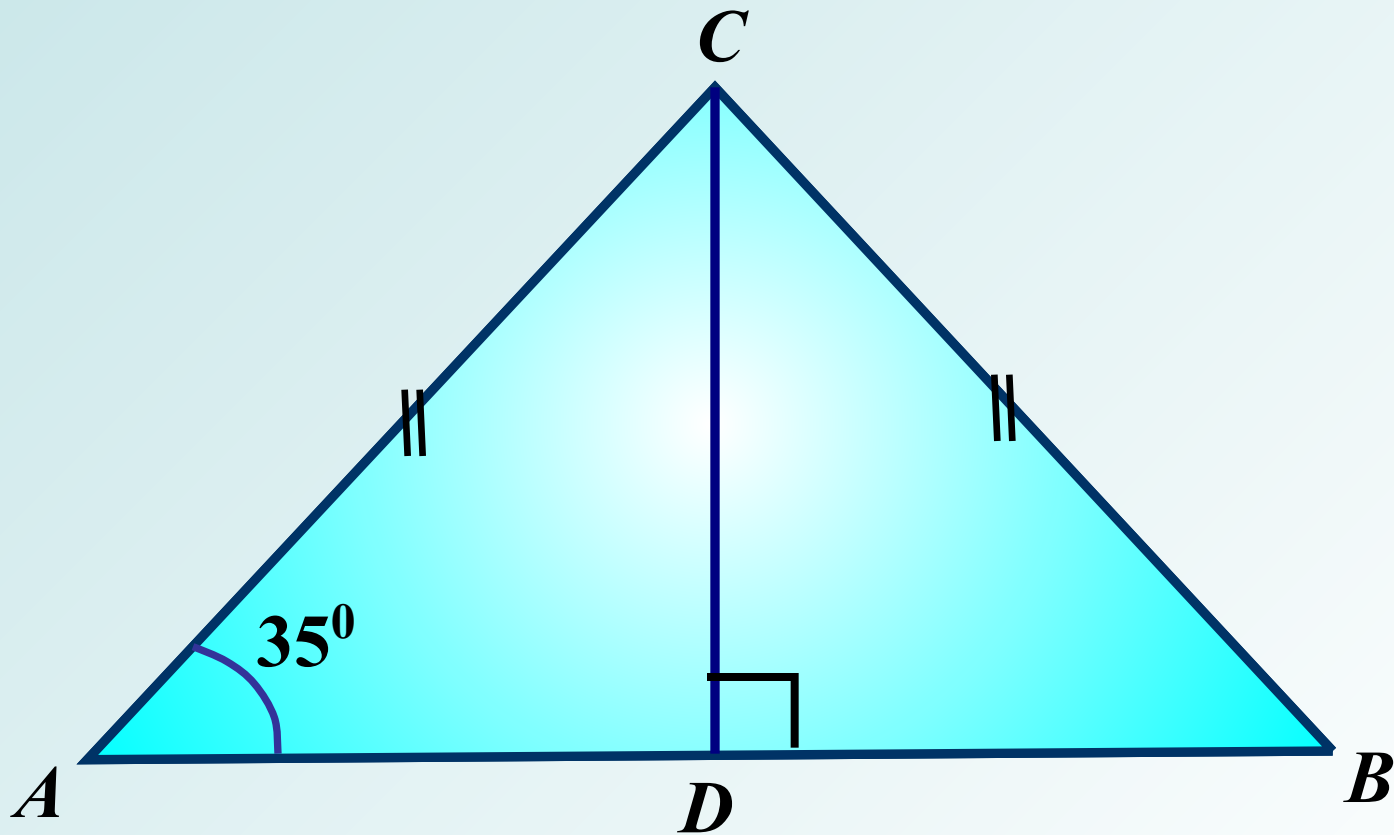
2.

*Дано:*

$\triangle ABC$ ,  $\hat{A} = 8$

*Найти:*

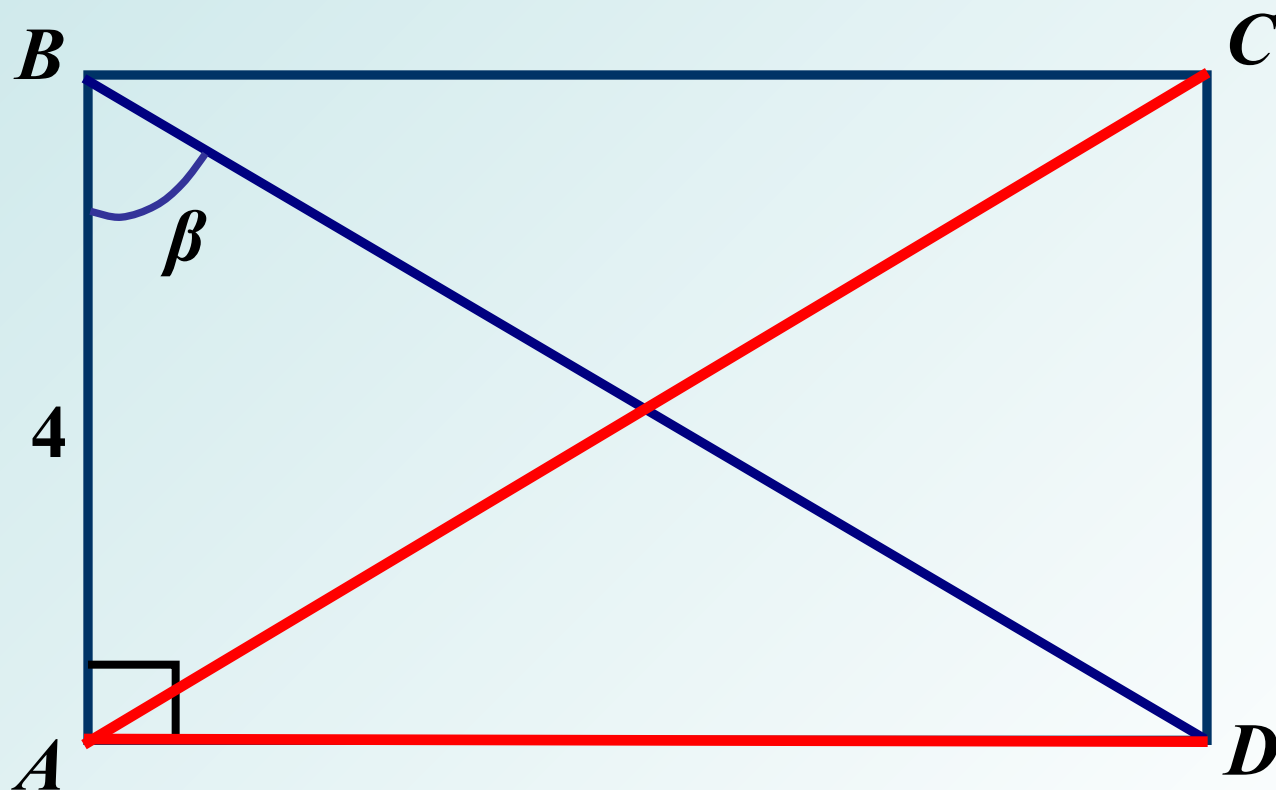
$S_{ABC}$



3.

**Дано:**  $ABCD$  –  $\text{ïðÿìîóãîëü}$   $\text{íèê}$

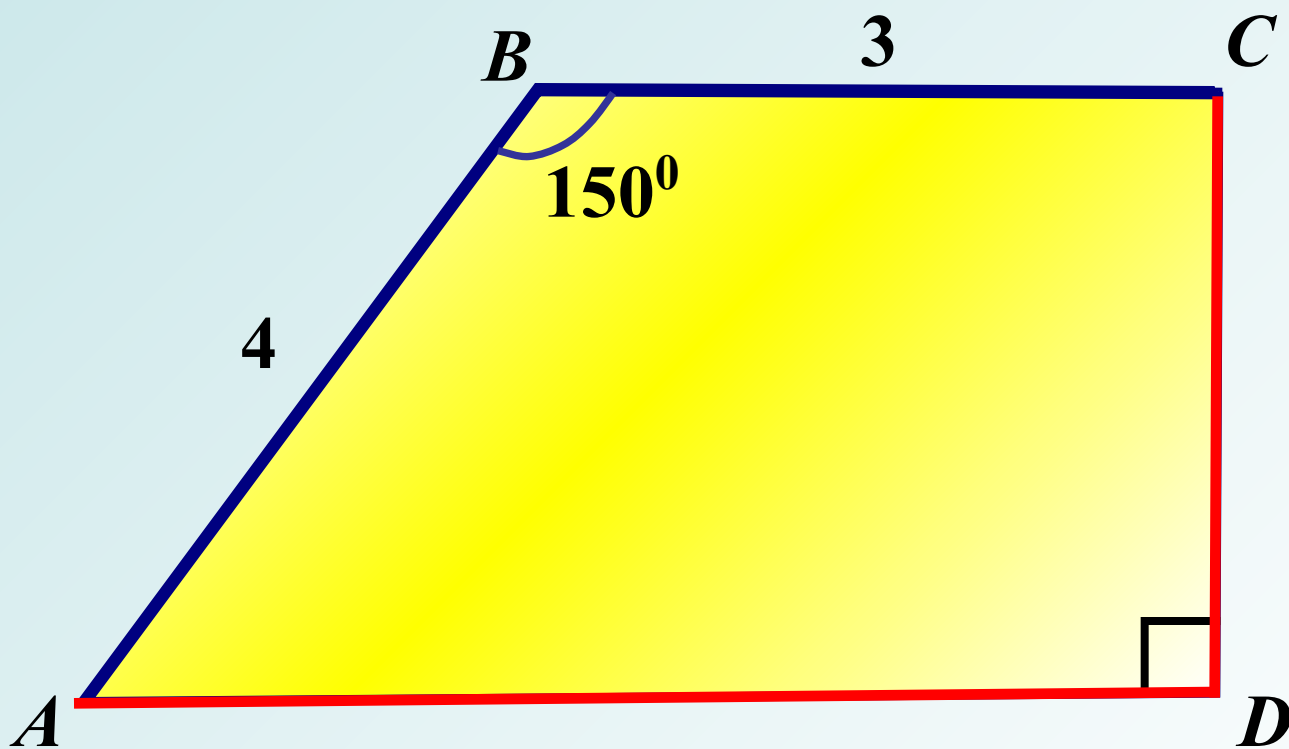
**Найти:**  $\angle N$ ,  $\angle D$



4.

**Дано:**  $ABCD$  – трапеция

**Найти:**  $AD$ ,  $CD$ ,  $S_{ABCD}$

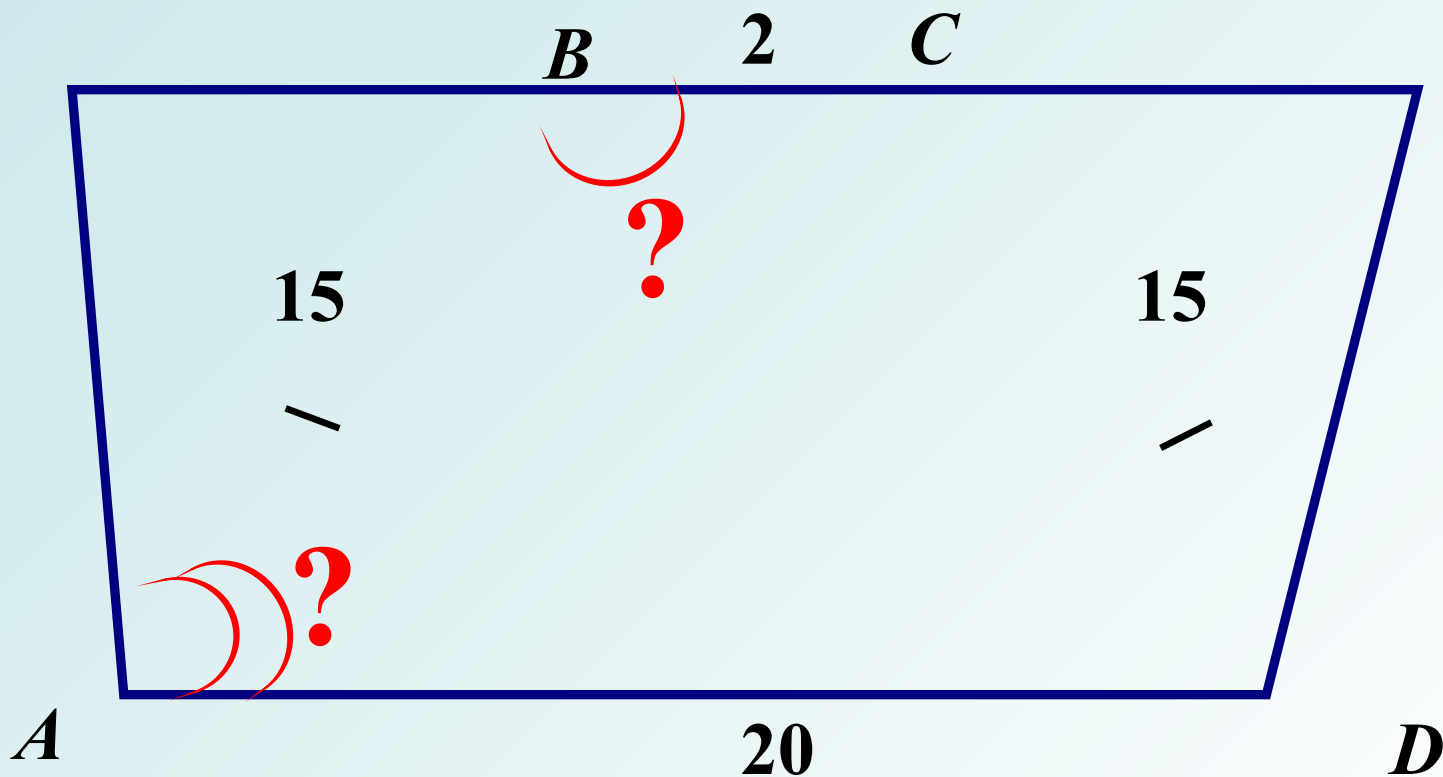


5.

**Дано:**  $ABCD$  – о́дàíàóöèÿ

**Найти:**

$\angle A$ ,  $\angle A$

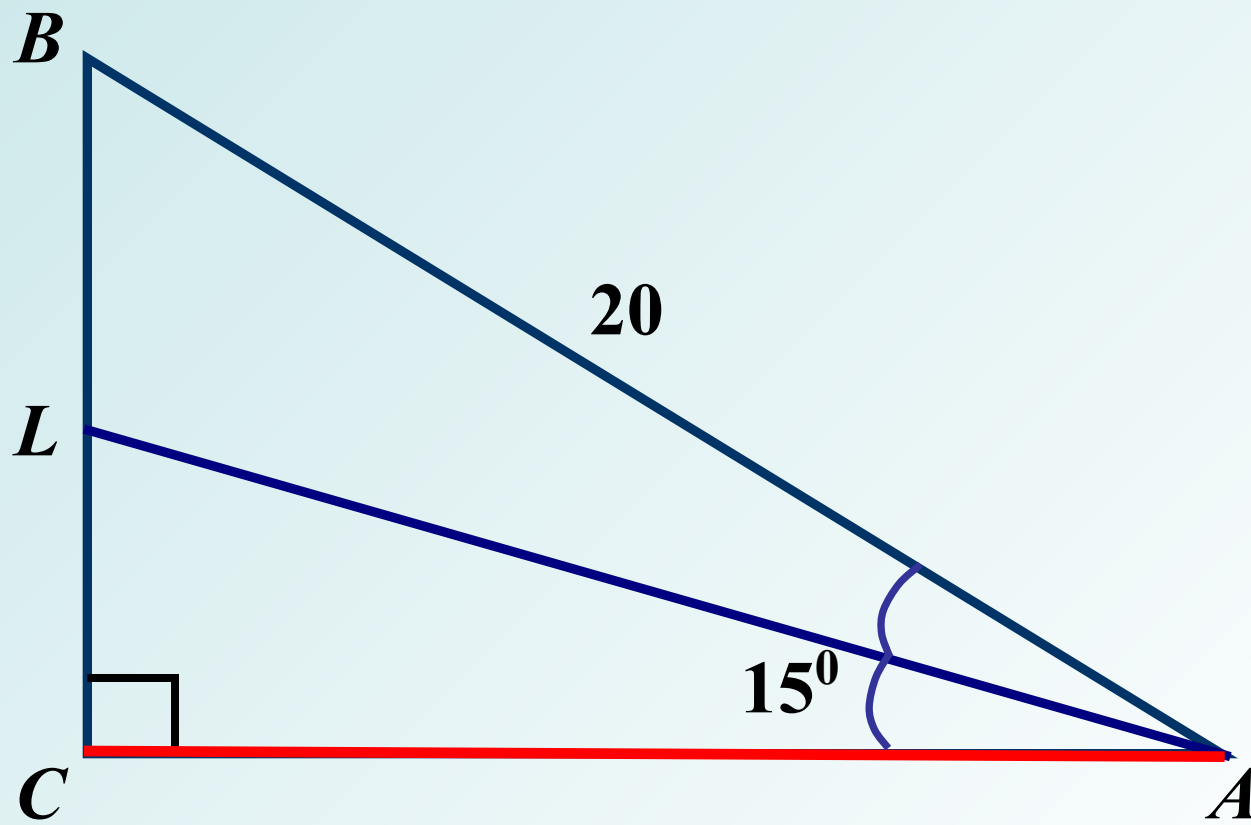


6.

Дано:  $\triangle ABC$

Найти:

$AN$



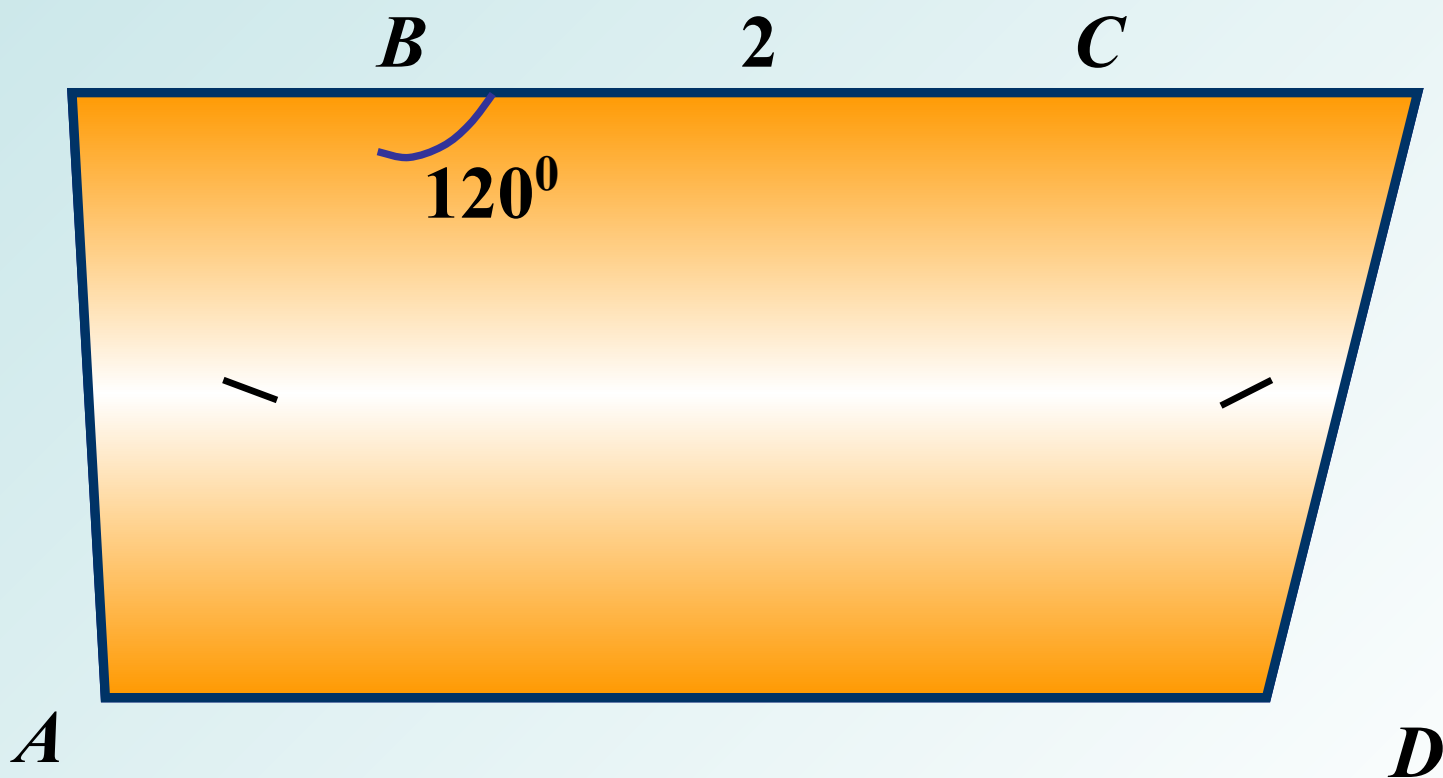


7.

Дано:  $\hat{A}\hat{B}\hat{N}\hat{D}$  – о́дàïàöèÿ

Найти:

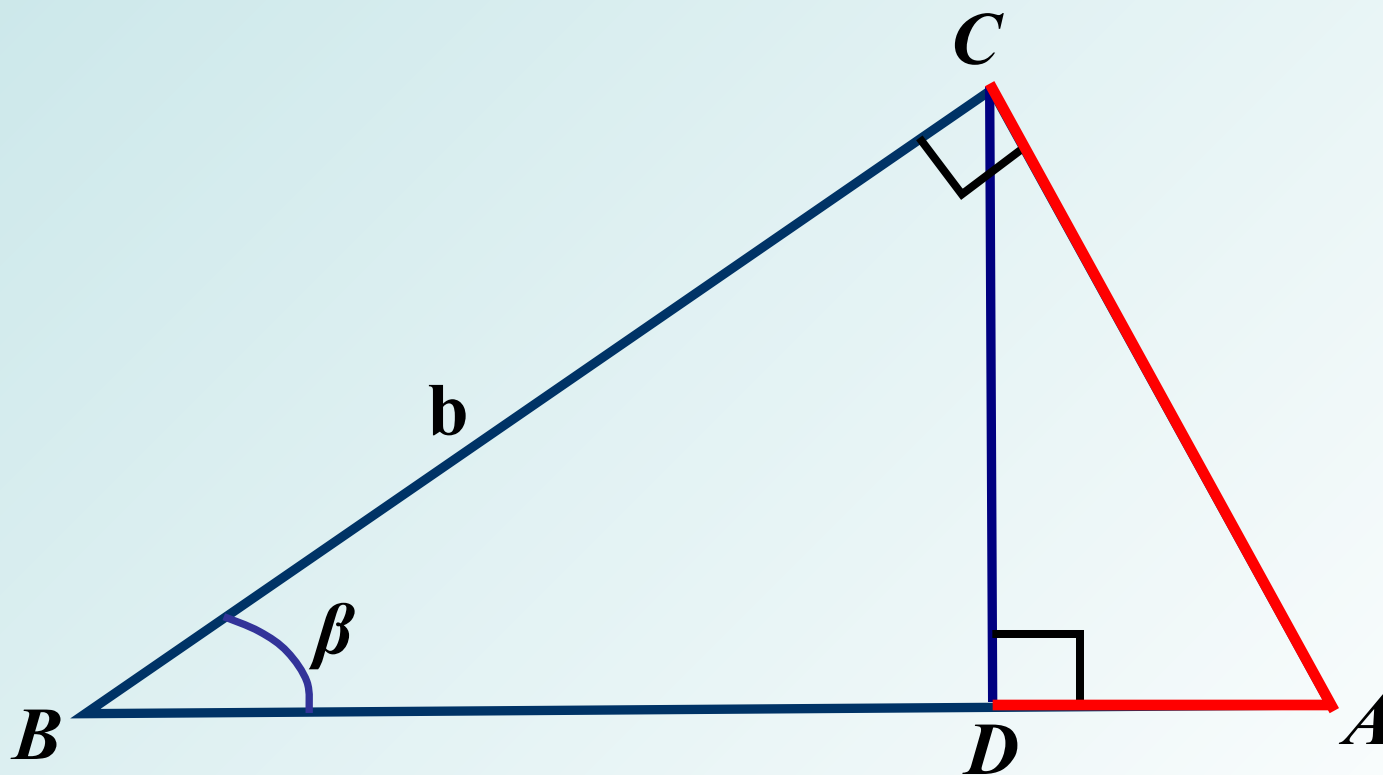
$$S_{\hat{A}\hat{B}\hat{N}\hat{D}}$$



8.

Дано:  $\triangle A\hat{A}\tilde{N}$

Найти:  $AD, AC$



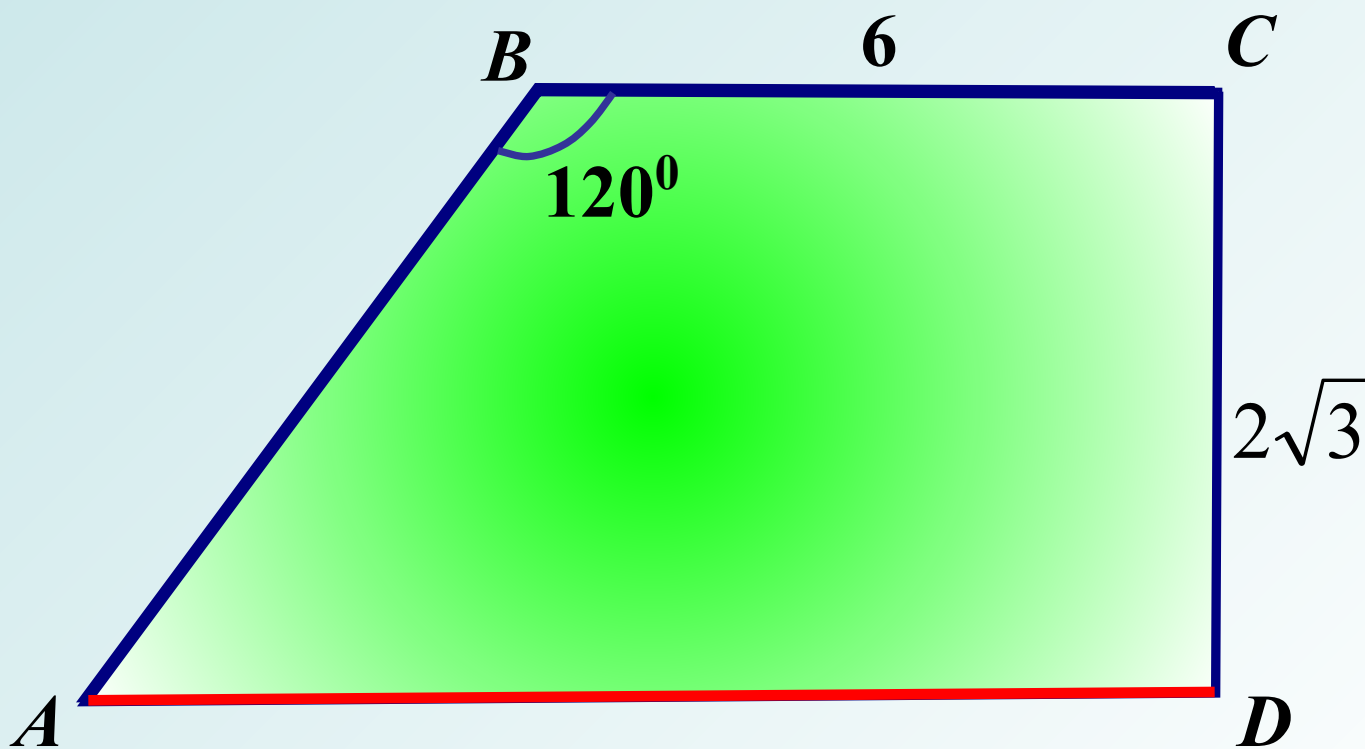
9.

**Дано:**

$AB\tilde{N}D$  – о́дàìàöèÿ

**Найти:**

$AD, S_{ABCD}$



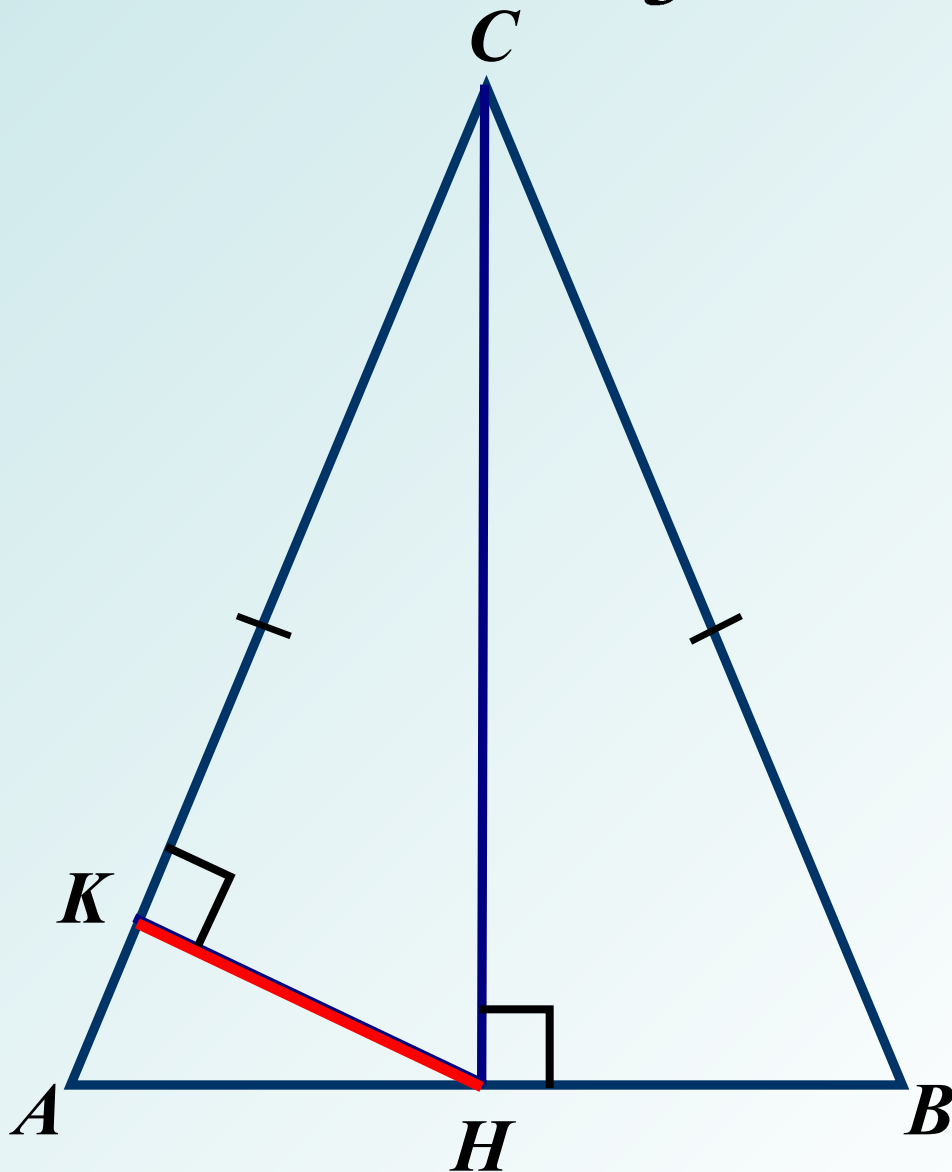
10.

*Дано:*

$$\Delta ABC, \cos B = \frac{1}{3}, \hat{A} = 4$$

*Найти:*

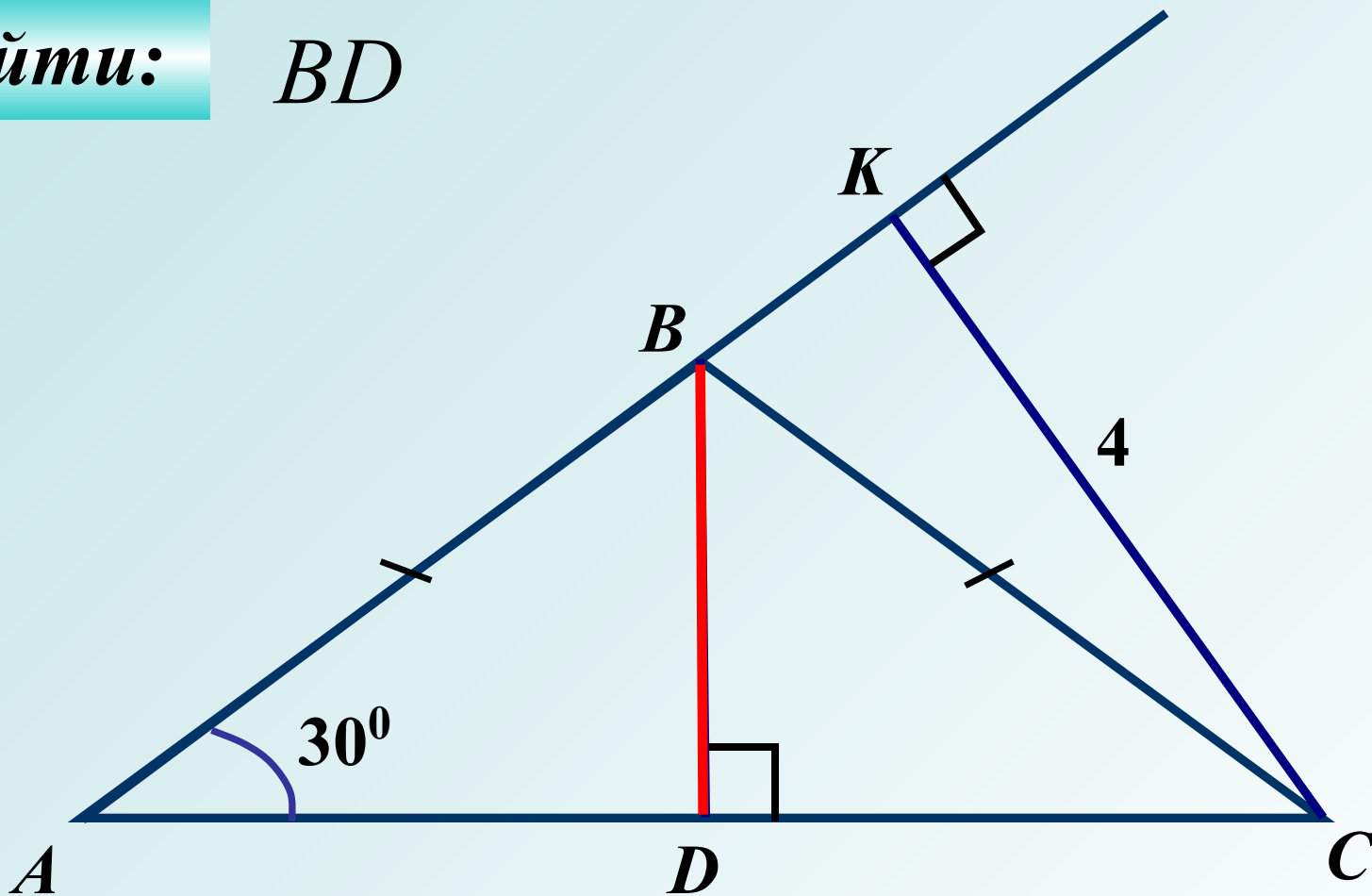
$\hat{E}$



11.

Дано:  $\triangle A\hat{A}C$

Найти:  $BD$



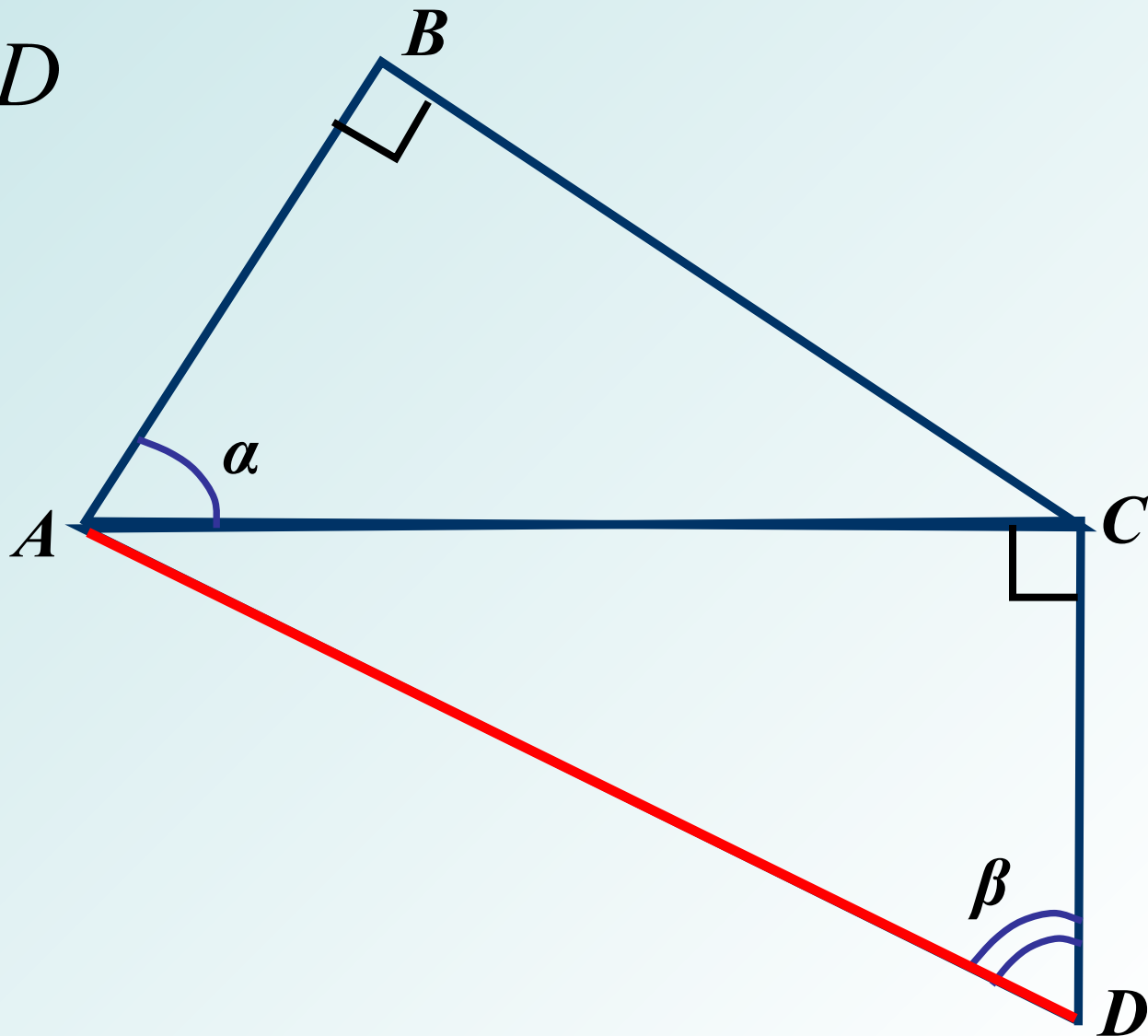
12.

Дано:

$ABCD$  –  $\triangle$ ,  $\angle B = 90^\circ$ ,  $\angle C = 90^\circ$

Найти:

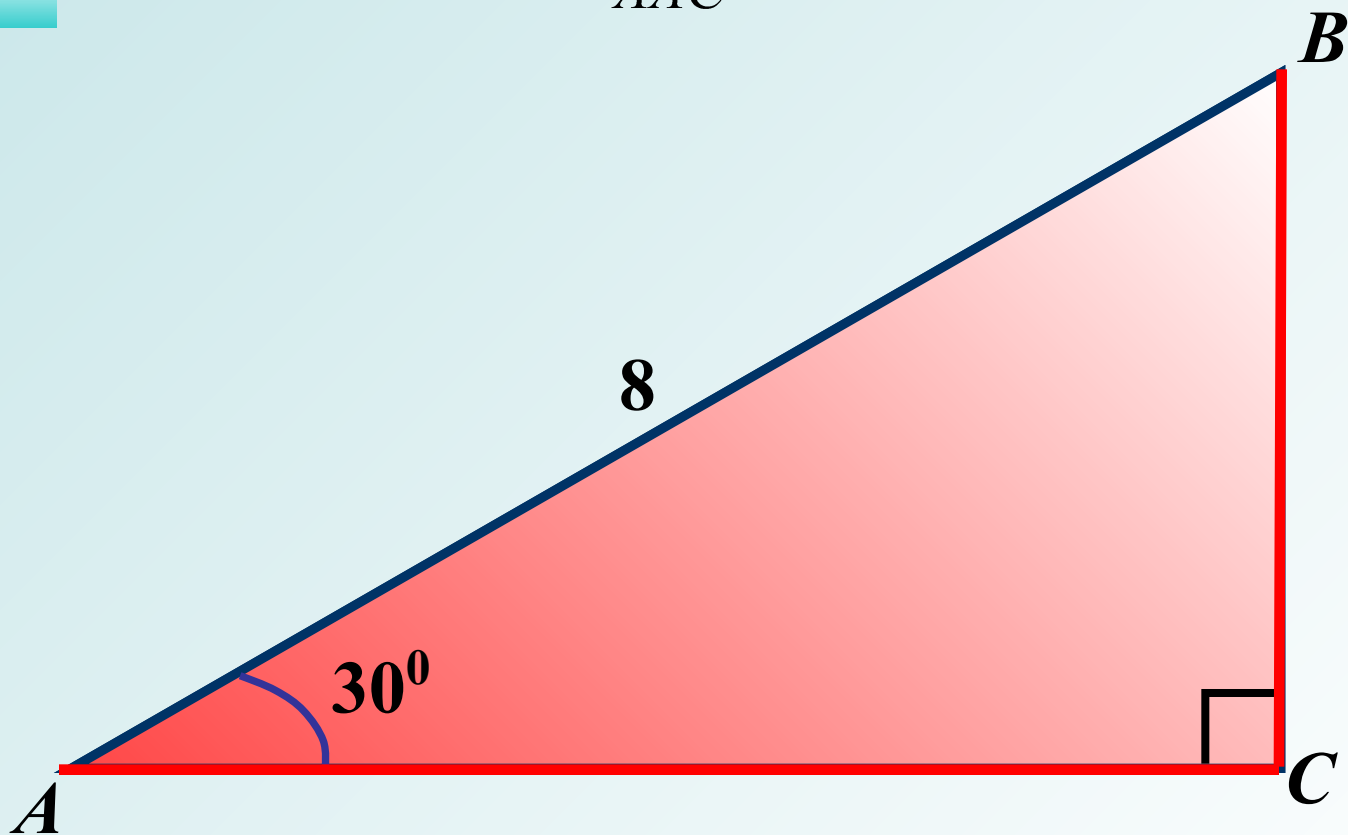
$AD$



13.

Дано:  $\triangle ABC$

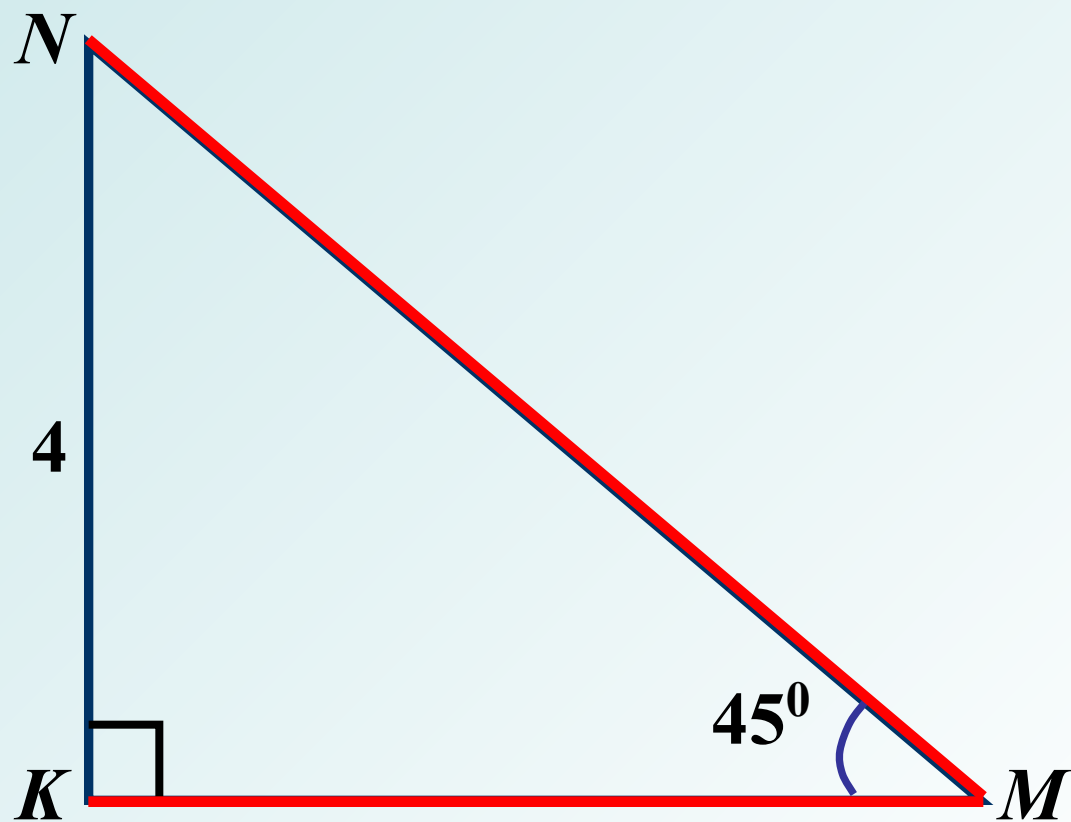
Найти:  $BC$ ,  $AC$ ,  $S_{\triangle ABC}$



14.

*Дано:*  $\triangle MKN$

*Найти:*  $MK, MN$

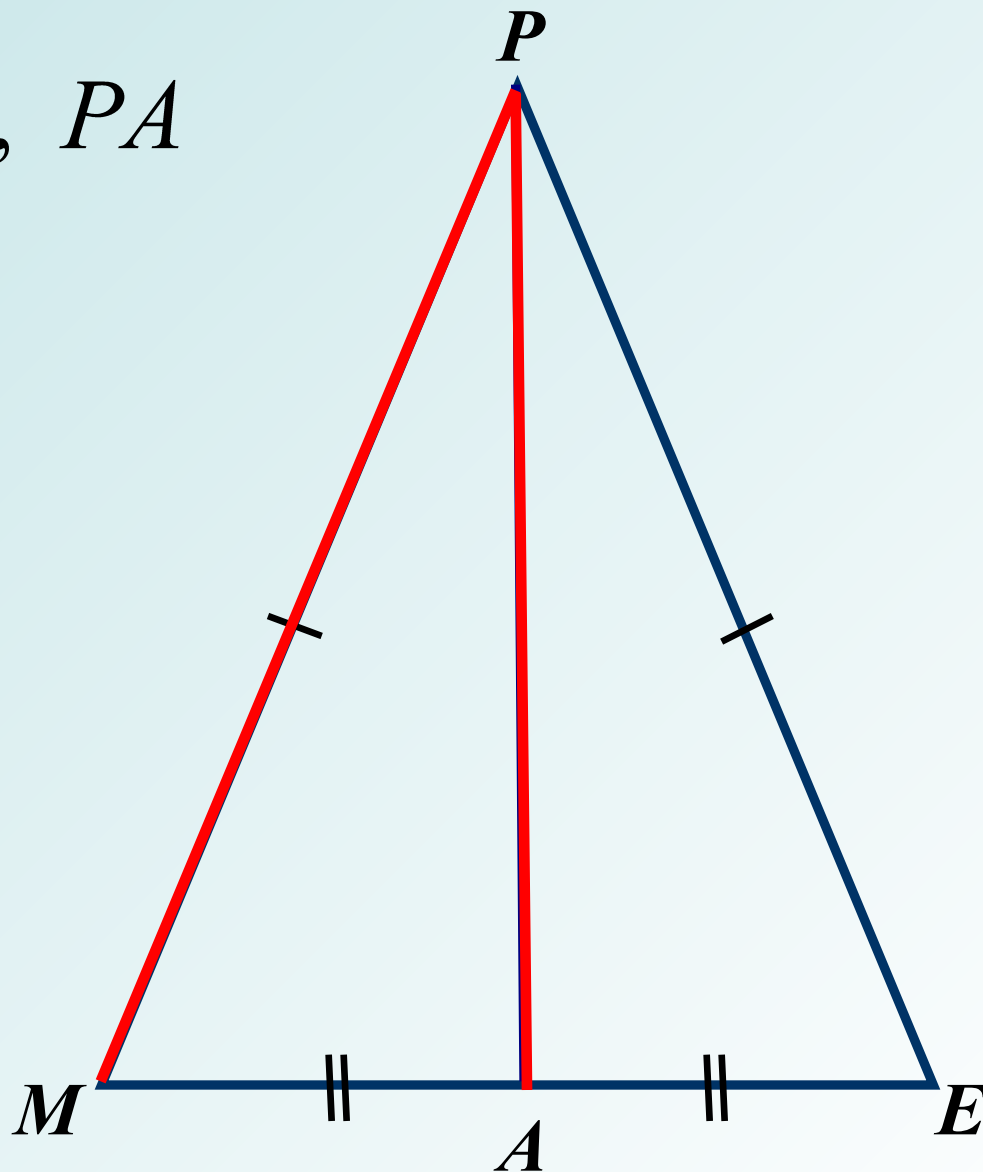




15.

**Дано:**  $\triangle MPE$ ,  $ME = b$ ,  $\angle MPE = \beta$

**Найти:**  $MP$ ,  $PA$



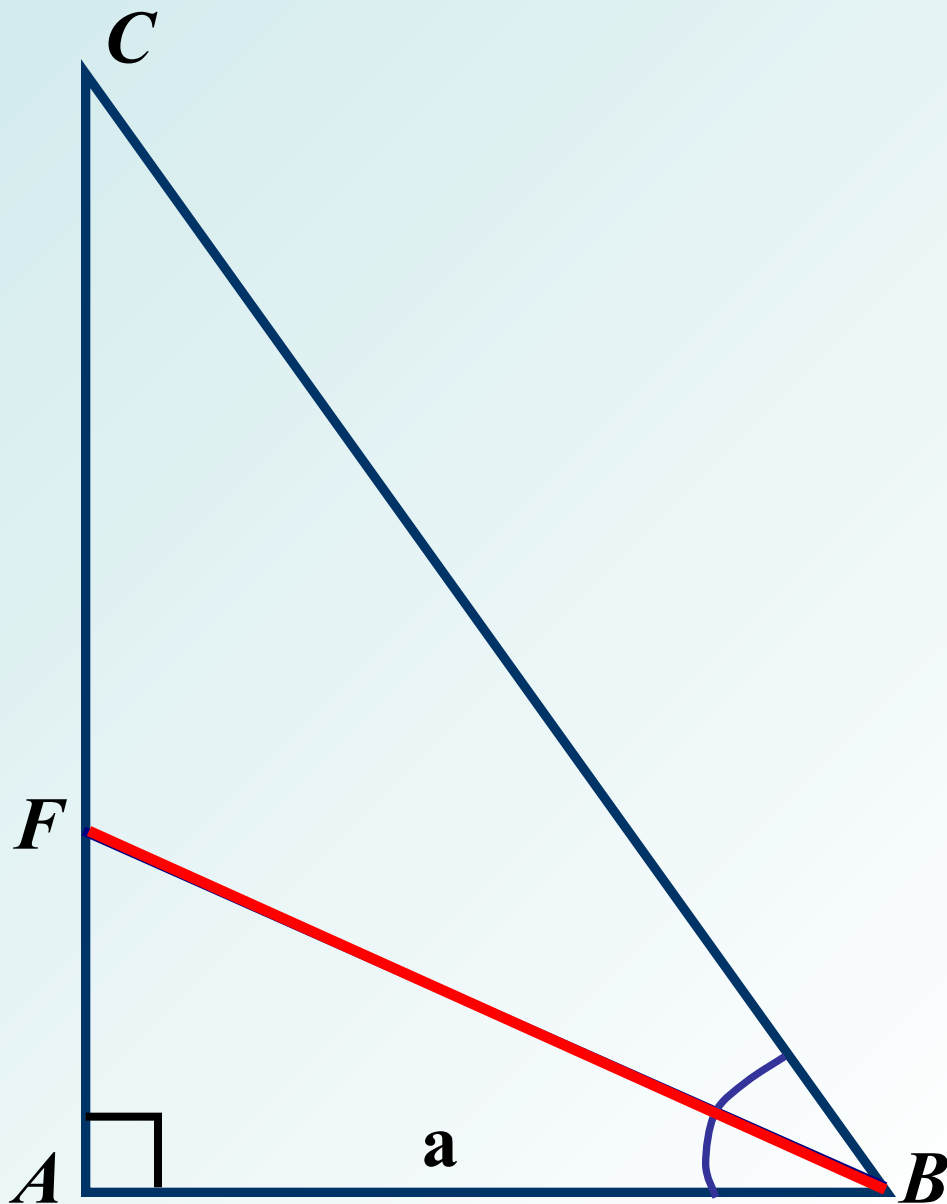
16.

**Дано:**

$\triangle ABC$ ,  $\angle ABC = 60^\circ$

$BF$  – медиана

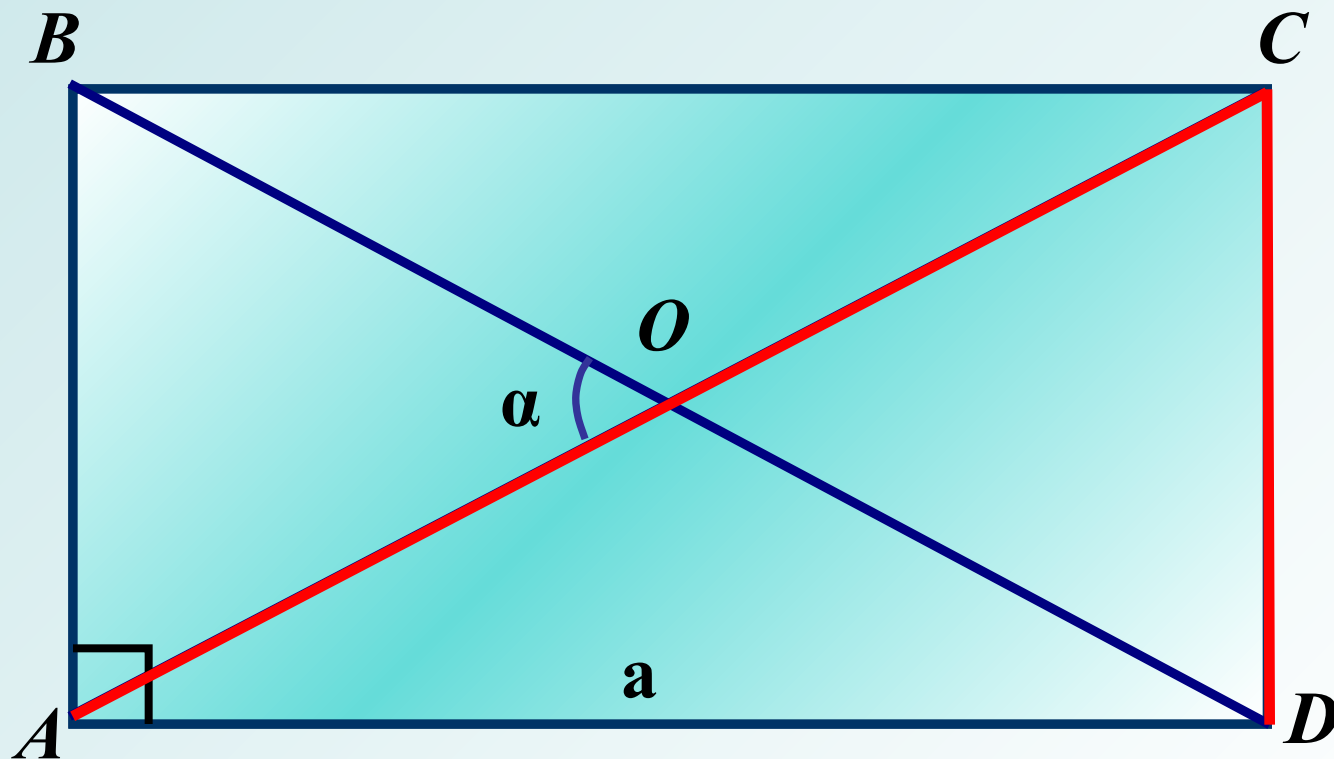
**Найти:**  $\hat{A}F$



17.

**Дано:**  $ABCD$  –  $\text{прямоугольник}$   $\angle A = 90^\circ$

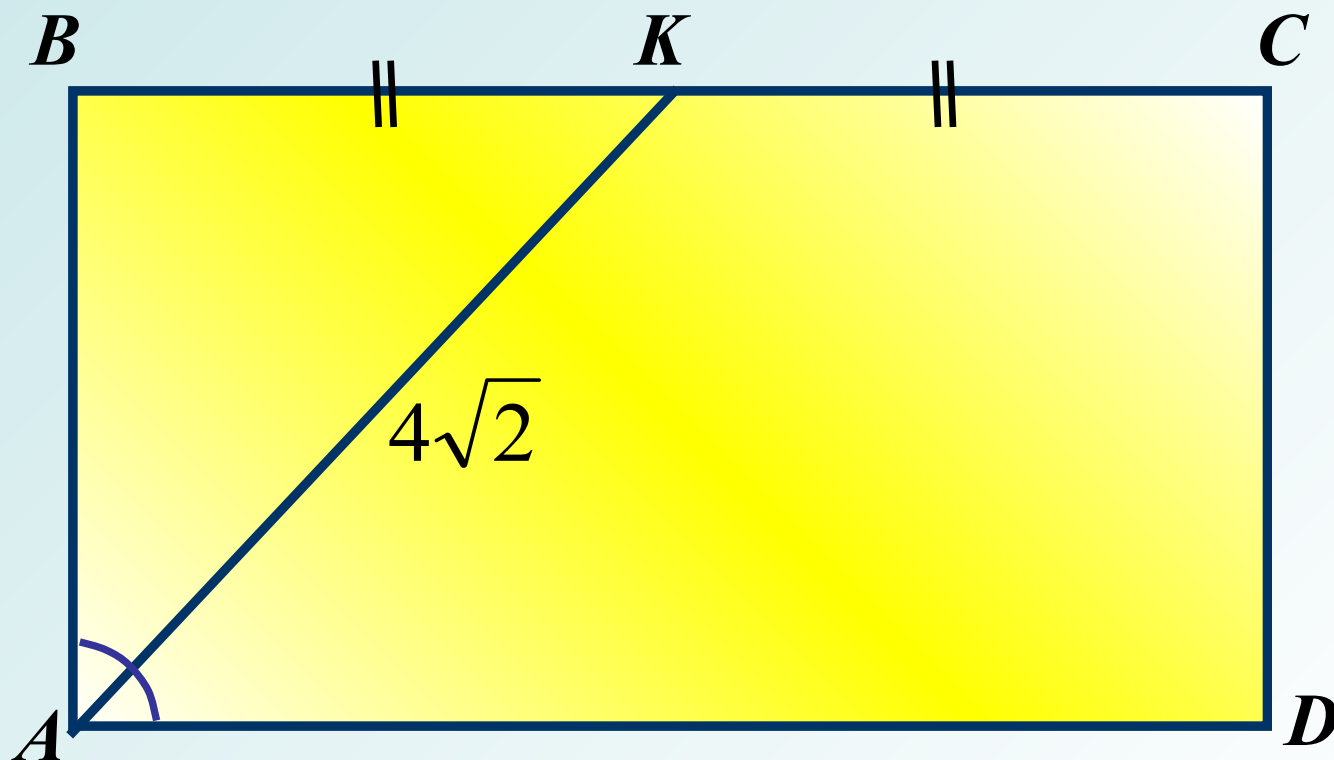
**Найти:**  $CD$ ,  $AC$ ,  $S_{ABCD}$



18.

Дано:  $ABCD$  –  $\square$

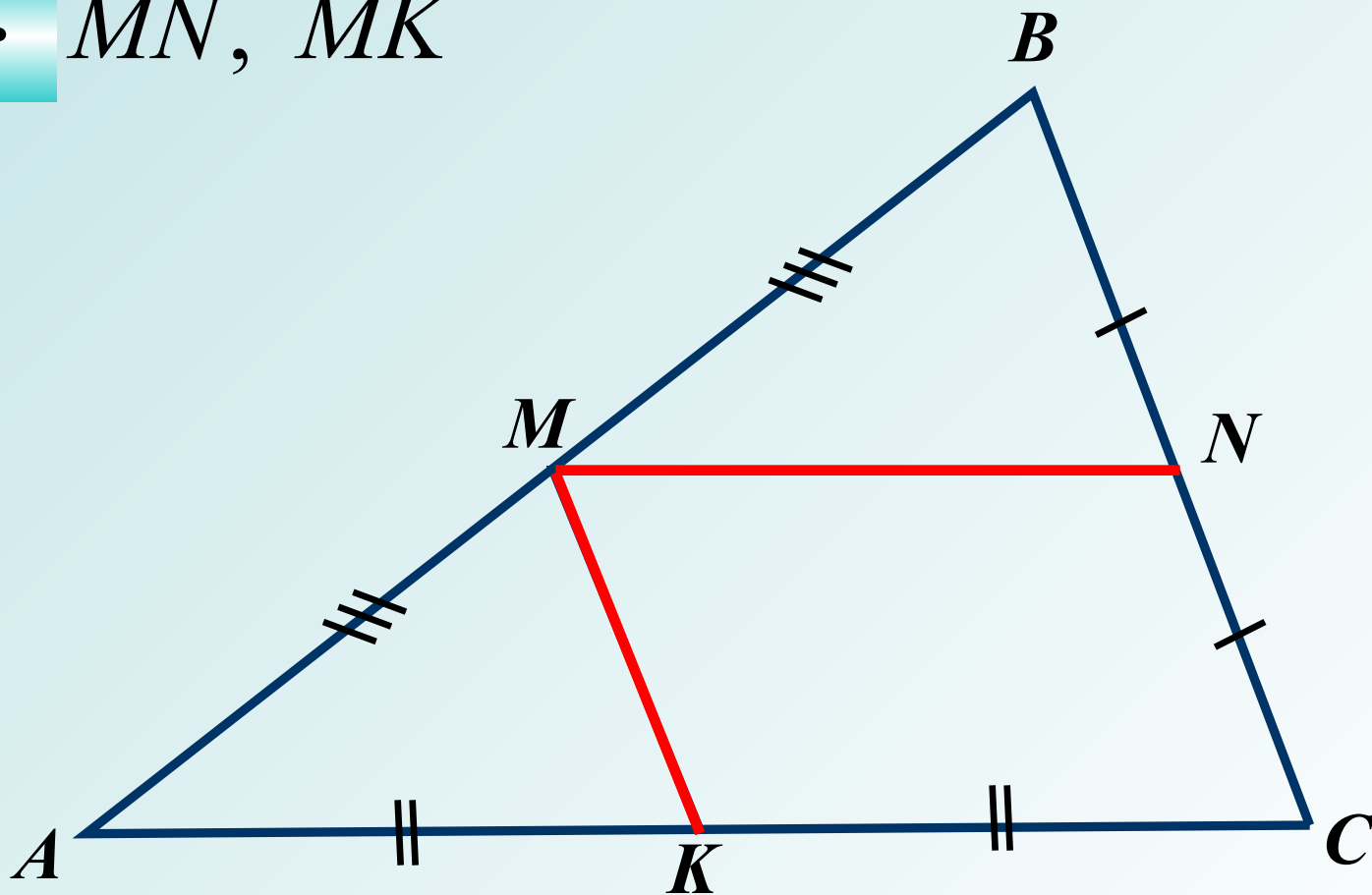
Найти:  $S_{ABCD}$



19.

**Дано:**  $MN : MK = 5 : 3$ ,  $AC + BC = 48$

**Найти:**  $MN$ ,  $MK$



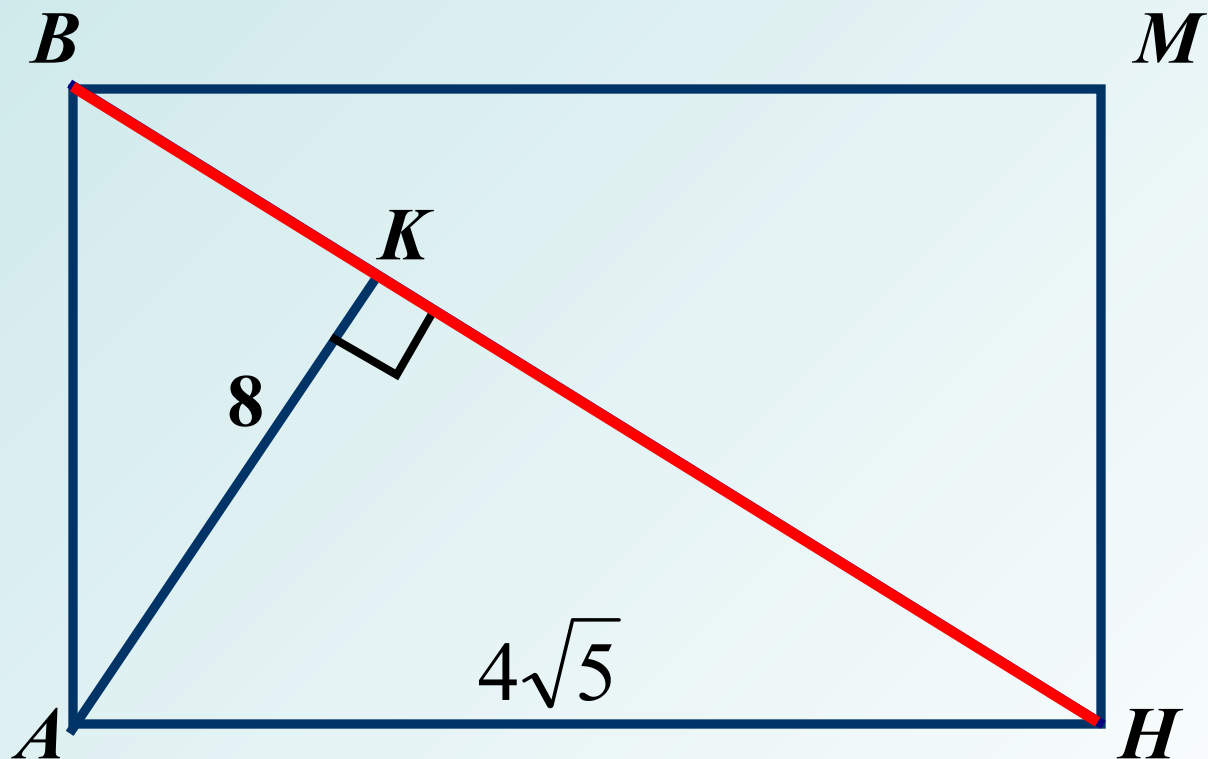
20.

Дано:

$ABM\hat{I}$  –  $i\delta y\grave{i}\hat{i}o\grave{a}\hat{i}e\ddot{u}$   $i\grave{e}\hat{e}$

Найти:

$\hat{A}\hat{I}$



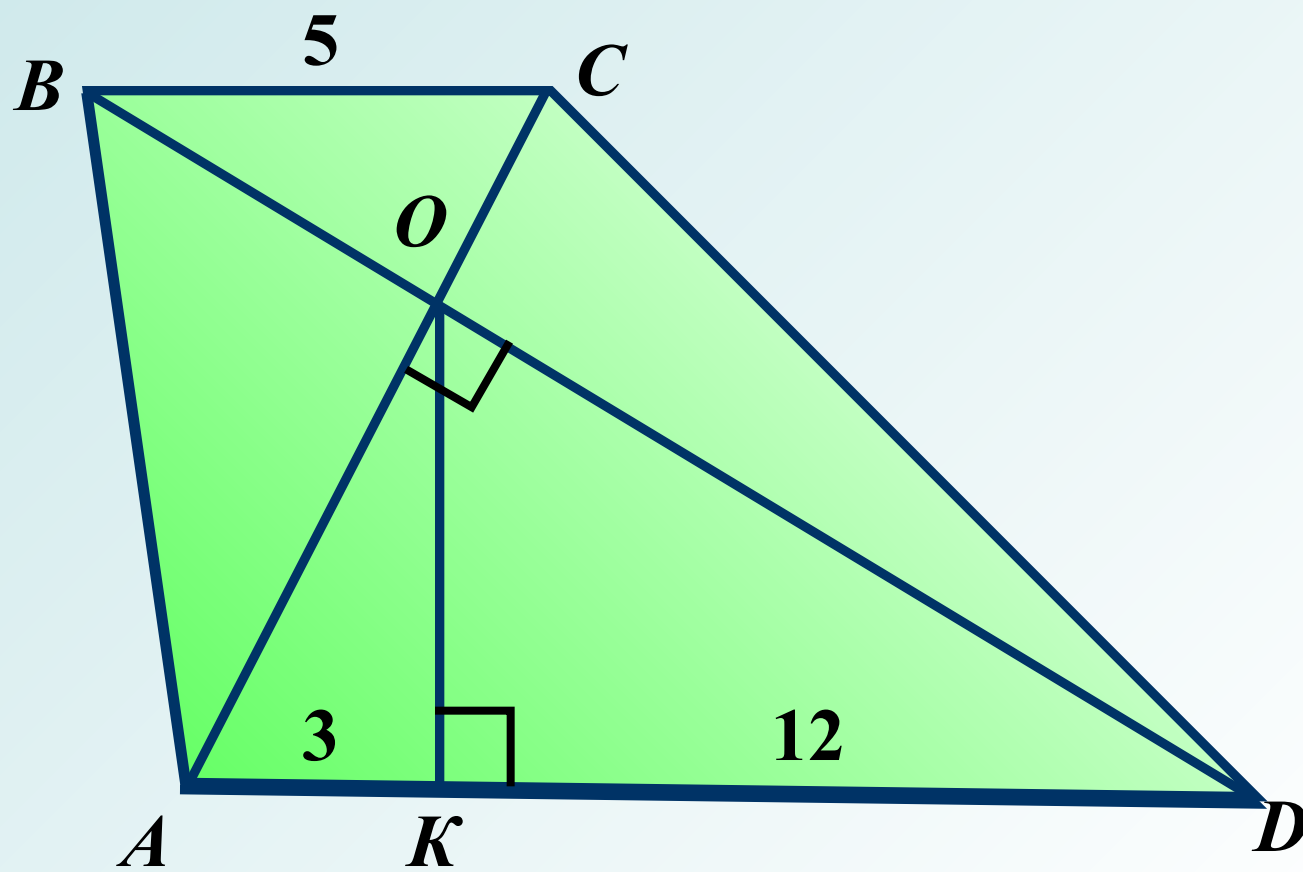
21.

Дано:

$AC \perp BD$  – о́дàíàóöèÿ

Найти:

$S_{ABCD}$



22.

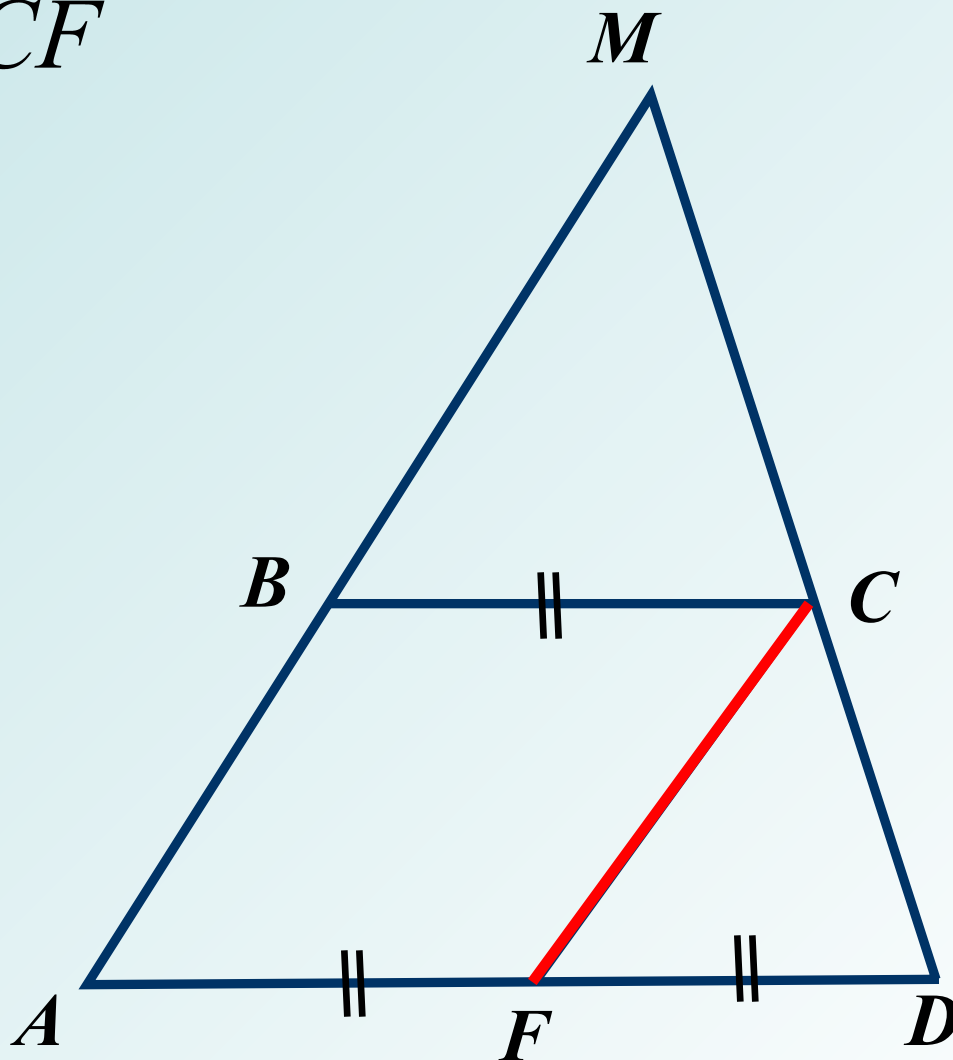
Дано:

$\triangle MND$  –  $\triangle ABC$

$$AM = 10 \text{ см}$$

Найти:

$CF$





23.

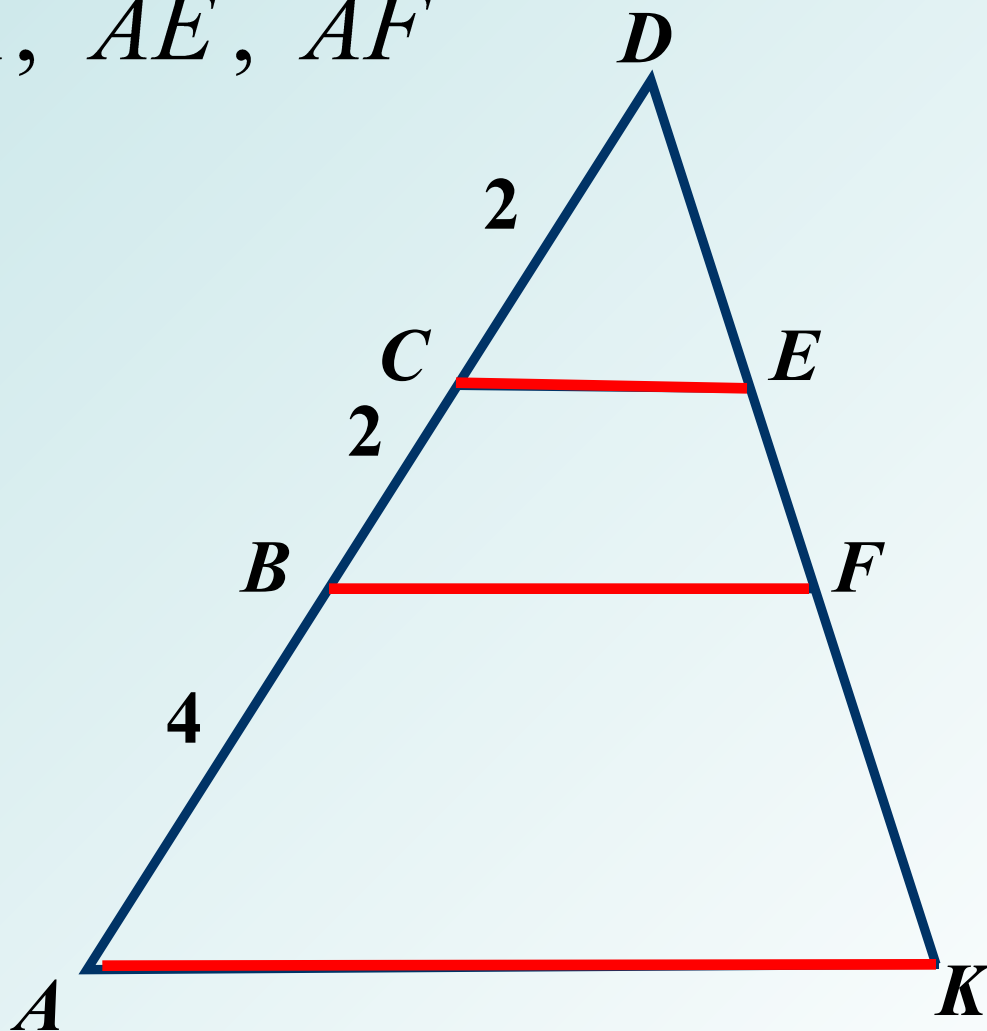
**Дано:**

$\tilde{N}A\hat{I}A\hat{E}I\hat{I}A\hat{F}$

$$CA + AF + AE = 21$$

**Найти:**

$\tilde{N}A, AE, AF$



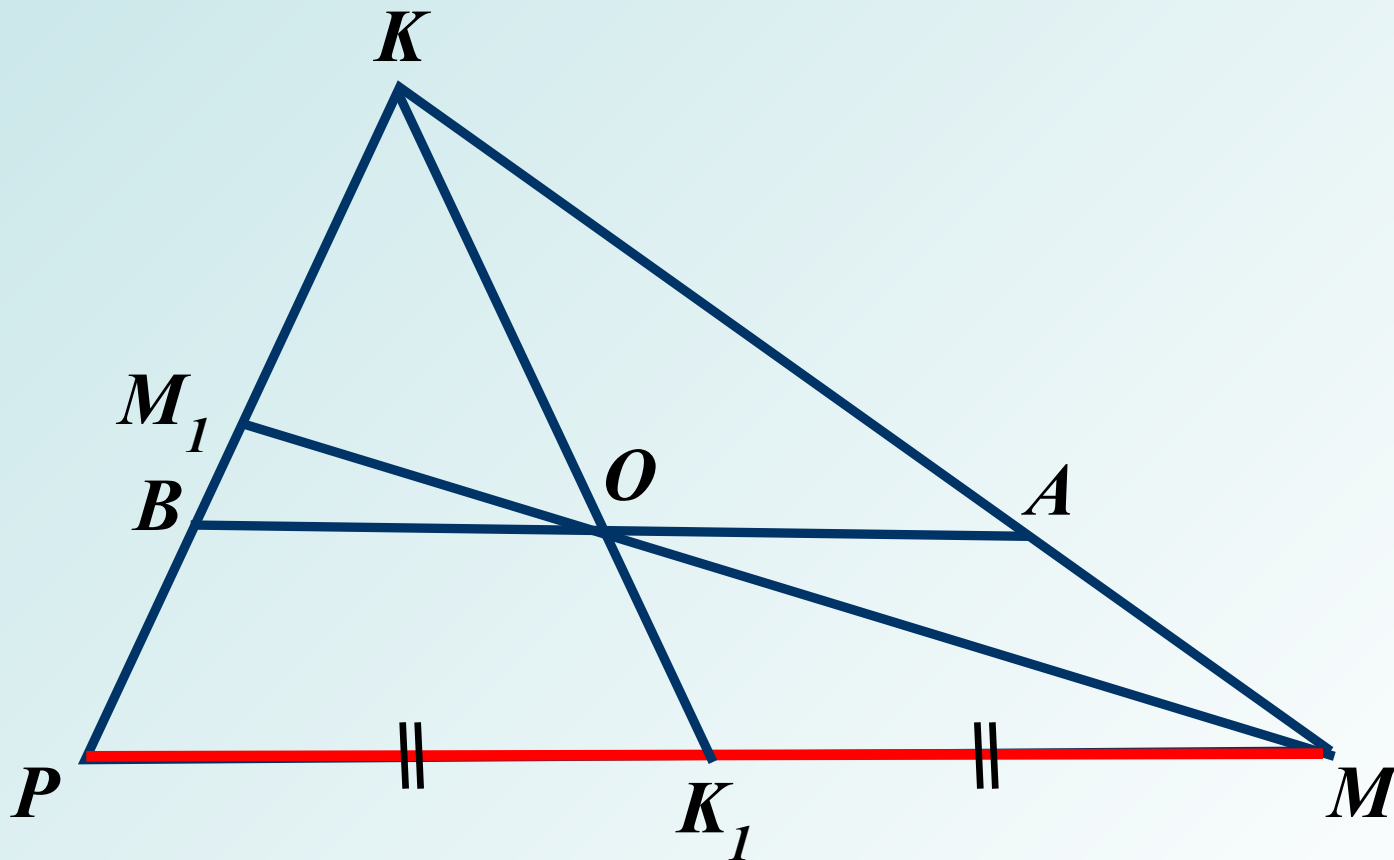
24.

Дано:

$$\hat{E}\hat{I}_1 = \hat{I}_1\hat{D}, \quad \hat{A}\hat{A}\hat{M}\hat{I}\hat{D}$$
$$\hat{A}B = 18$$

Найти:

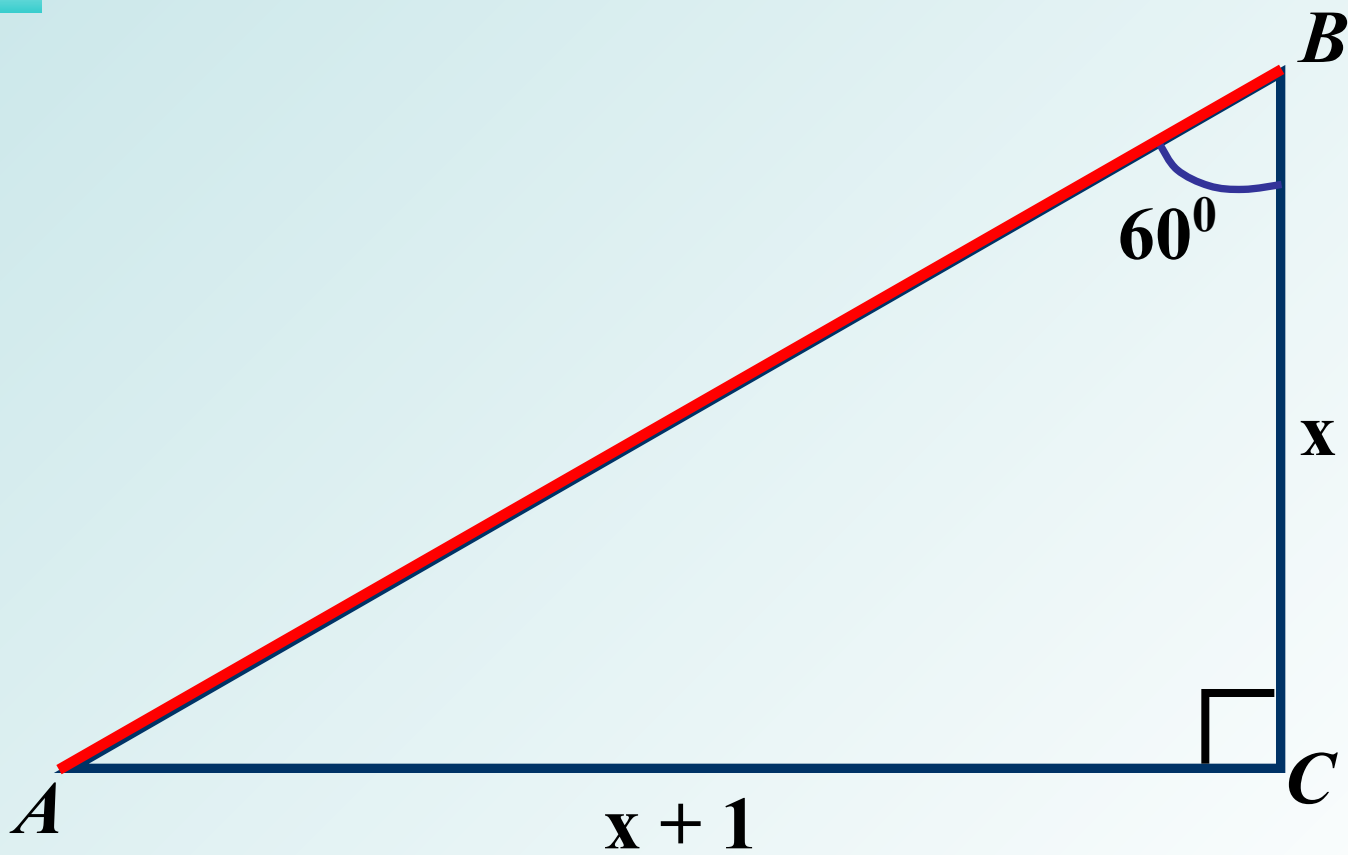
$\hat{I}\hat{D}$



25.

Дано:  $\triangle ABC$

Найти:  $\hat{A}$



26.

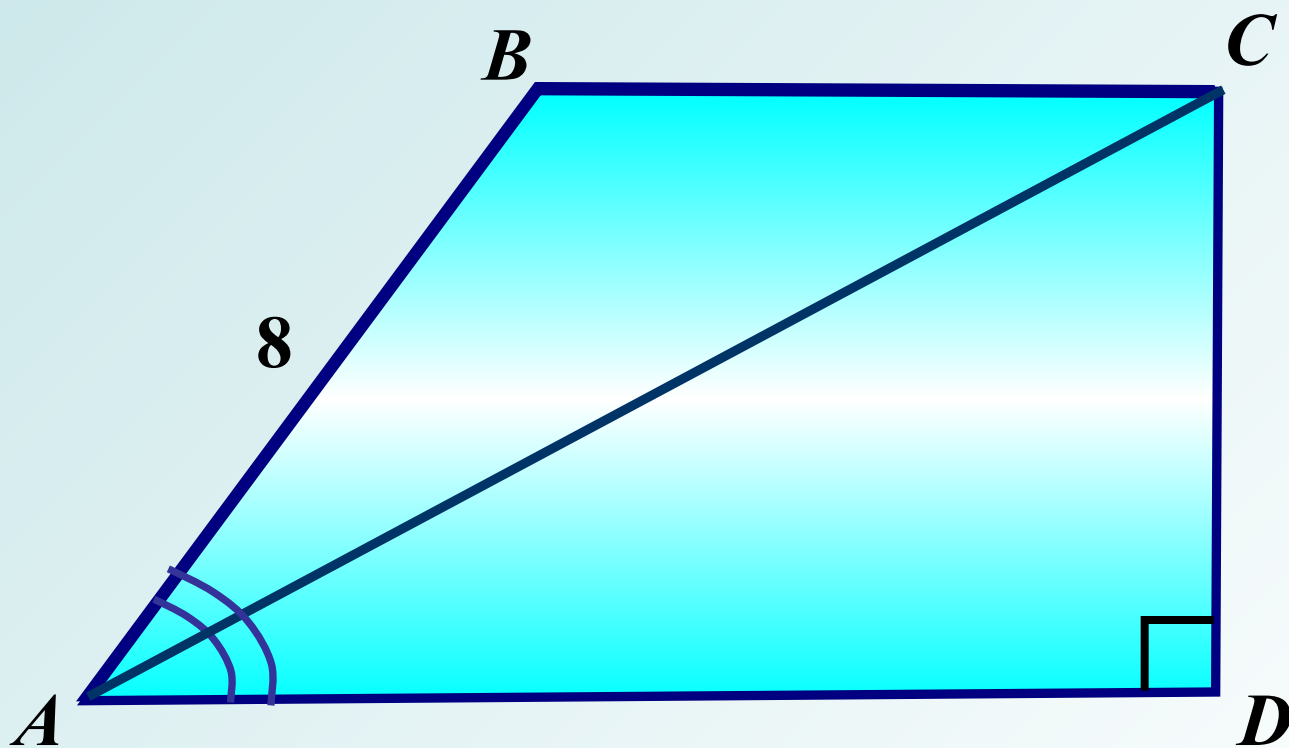
Дано:

$ABCD$  – трапеция

$$\angle BAC = 2 \cdot \alpha$$

Найти:

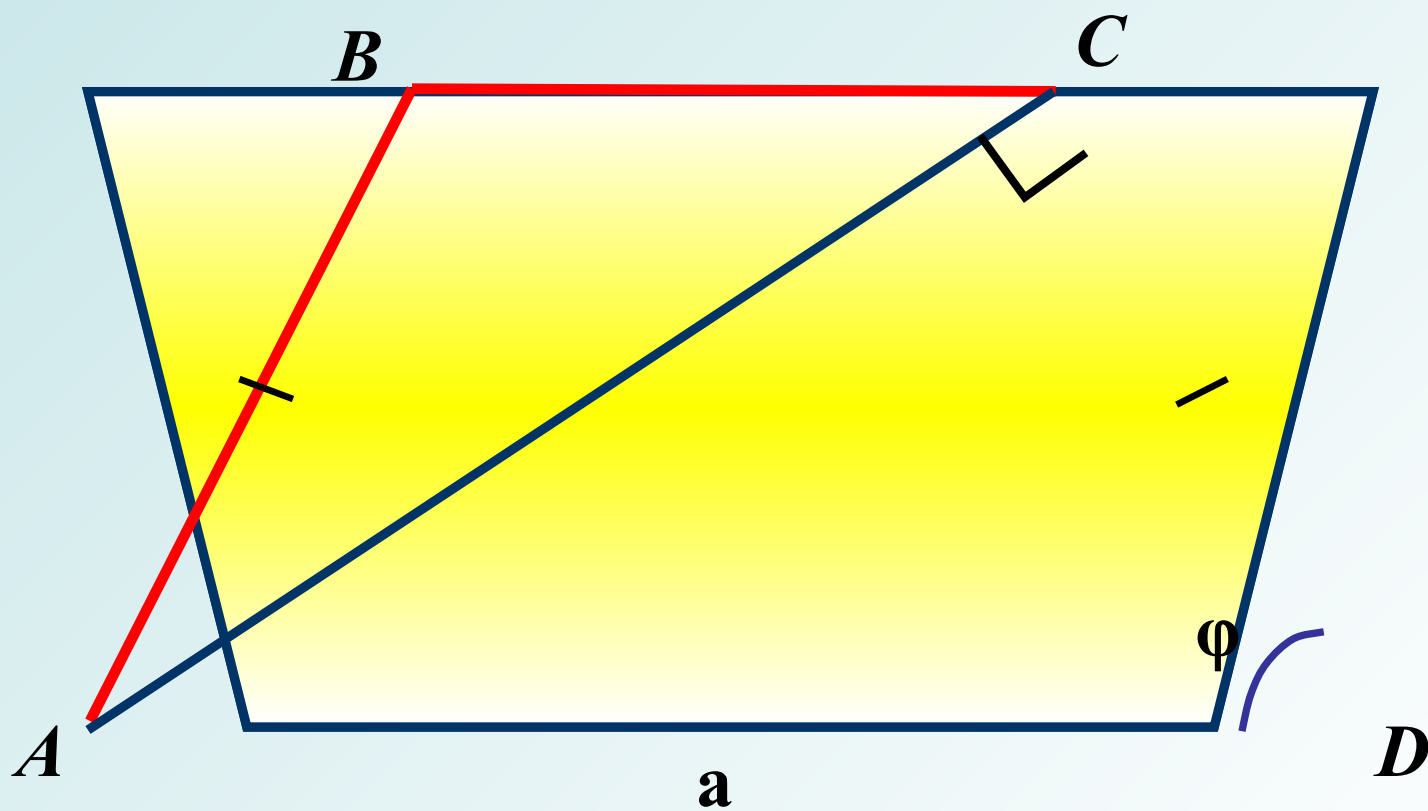
$$S_{ABCD}$$



27.

Дано:  $ANND$  – ромб

Найти:  $AB$ ,  $BC$ ,  $S_{ABCD}$

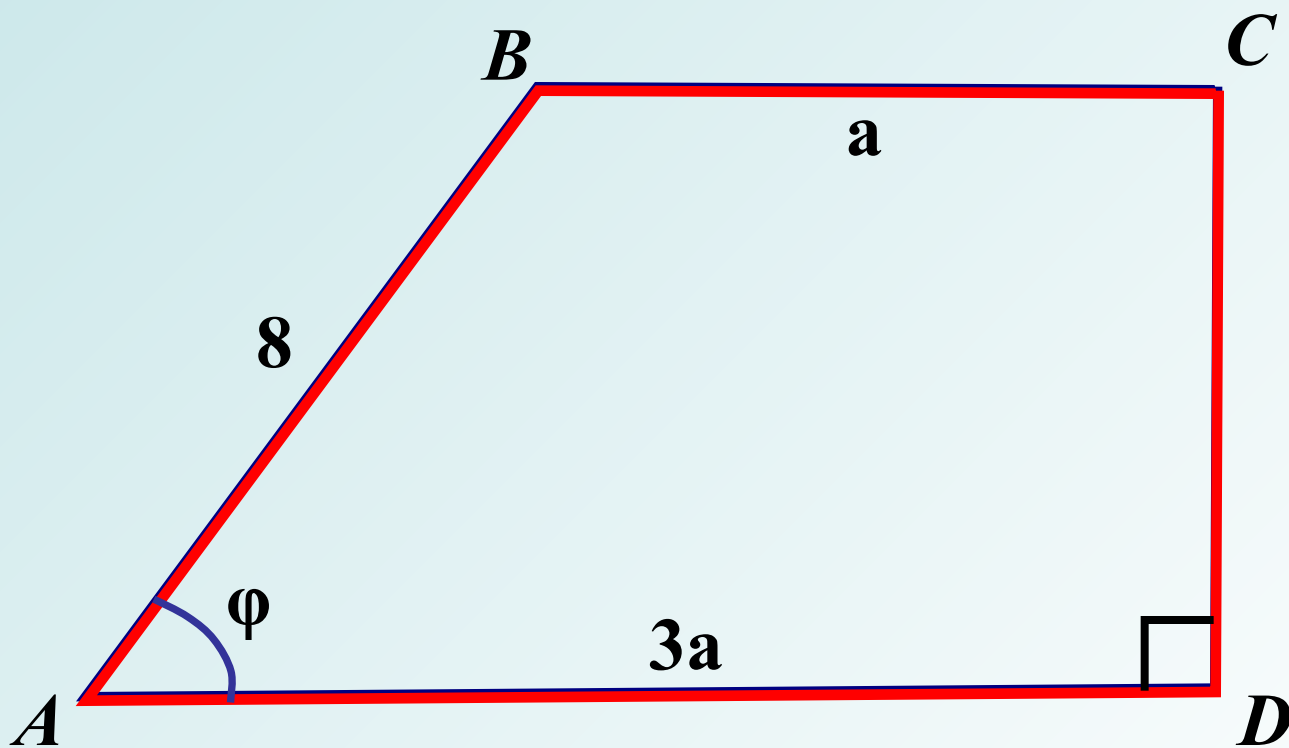


28.

Дано:  $ABCD$  – о́дàïáöèÿ

Найти:

$P_{ABCD}$



29.

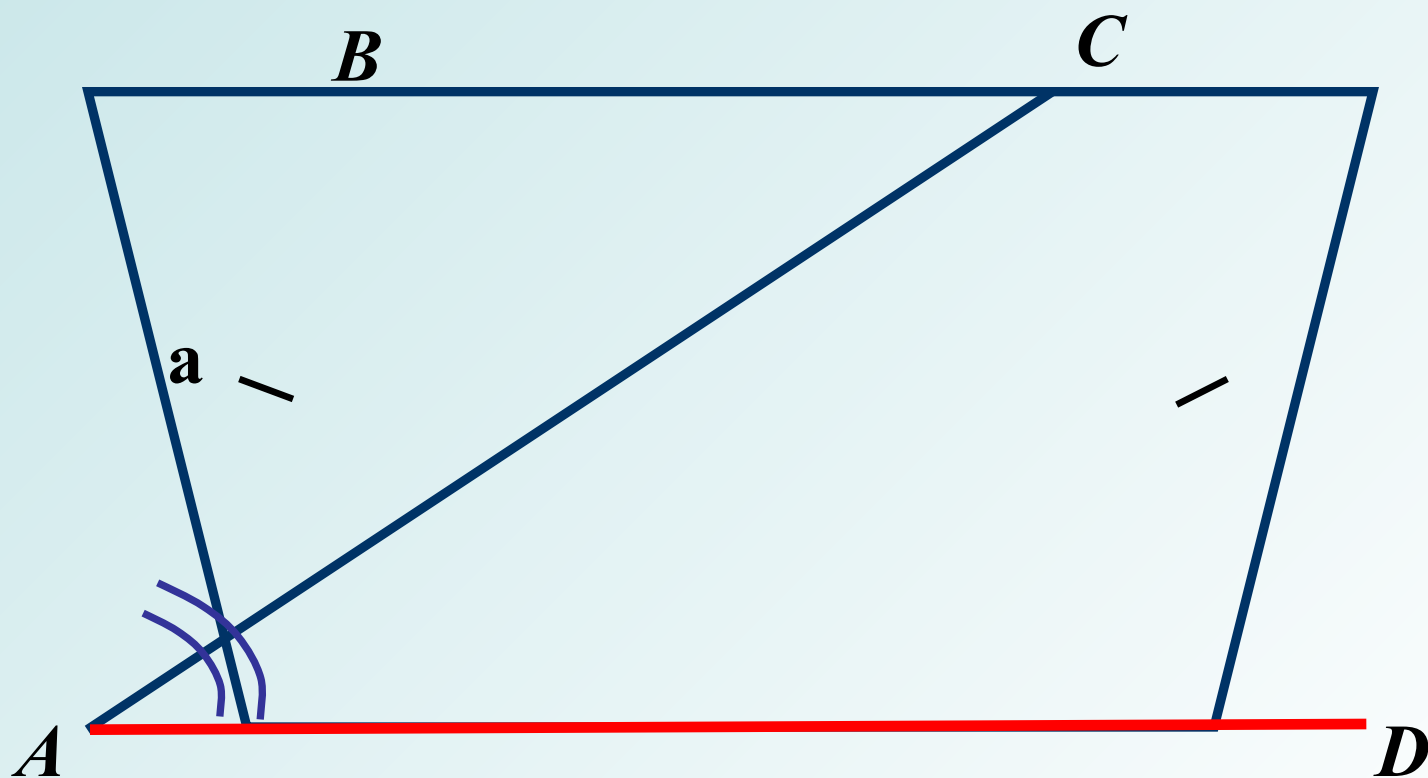
Дано:

$ABCD$  – трапеция

$$\angle BAN = \beta$$

Найти:

$\angle D$



30.

Дано:  $\angle BOB_1$

Найти:  $AB$ ,  $A_1B_1$

