

*Решение задач
на готовых чертежах.
Прямоугольный
треугольник.*

*Геометрия.
8 класс.*

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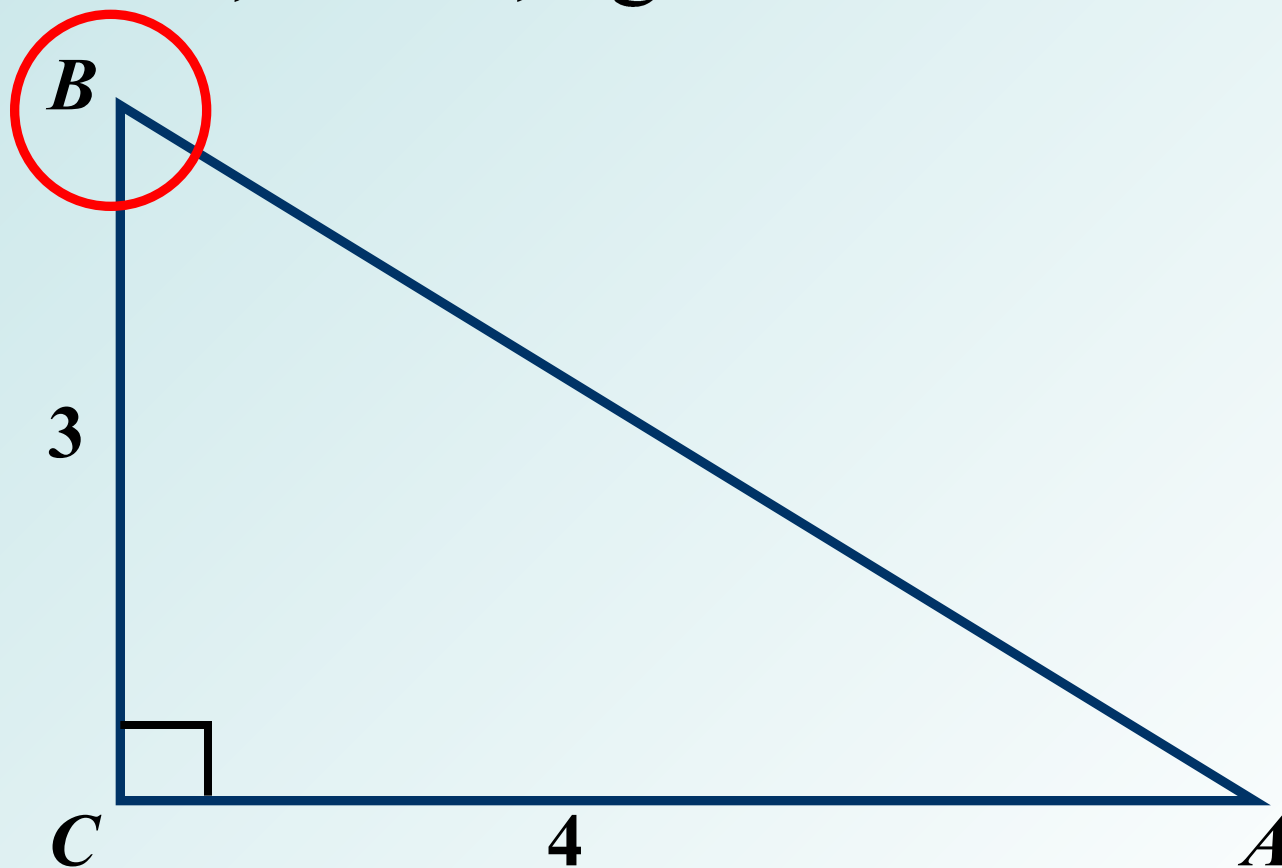
30

1.

Дано: $\triangle ABC$

Найти:

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



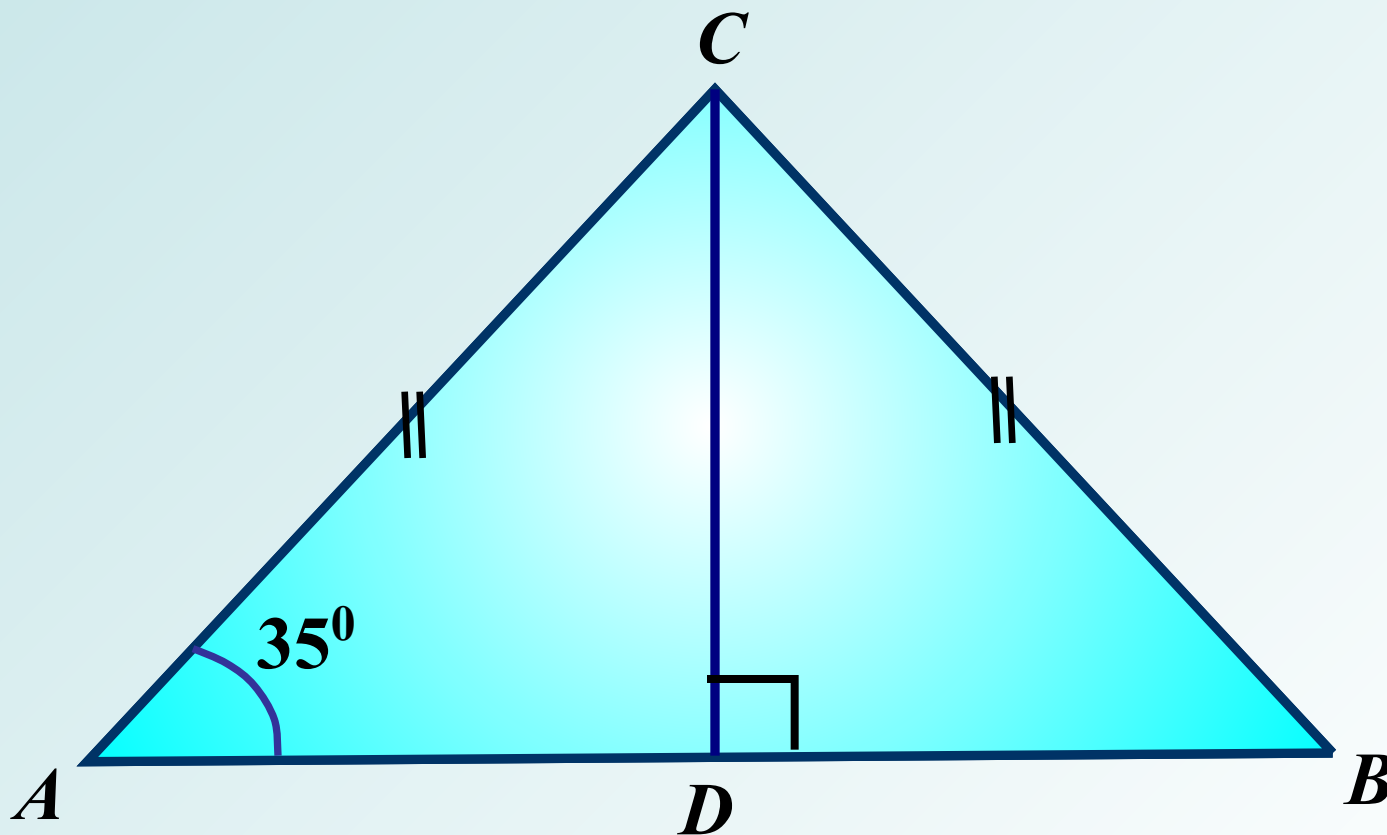
2.

Дано:

$\triangle ABC$, $\angle A = 8$

Найти:

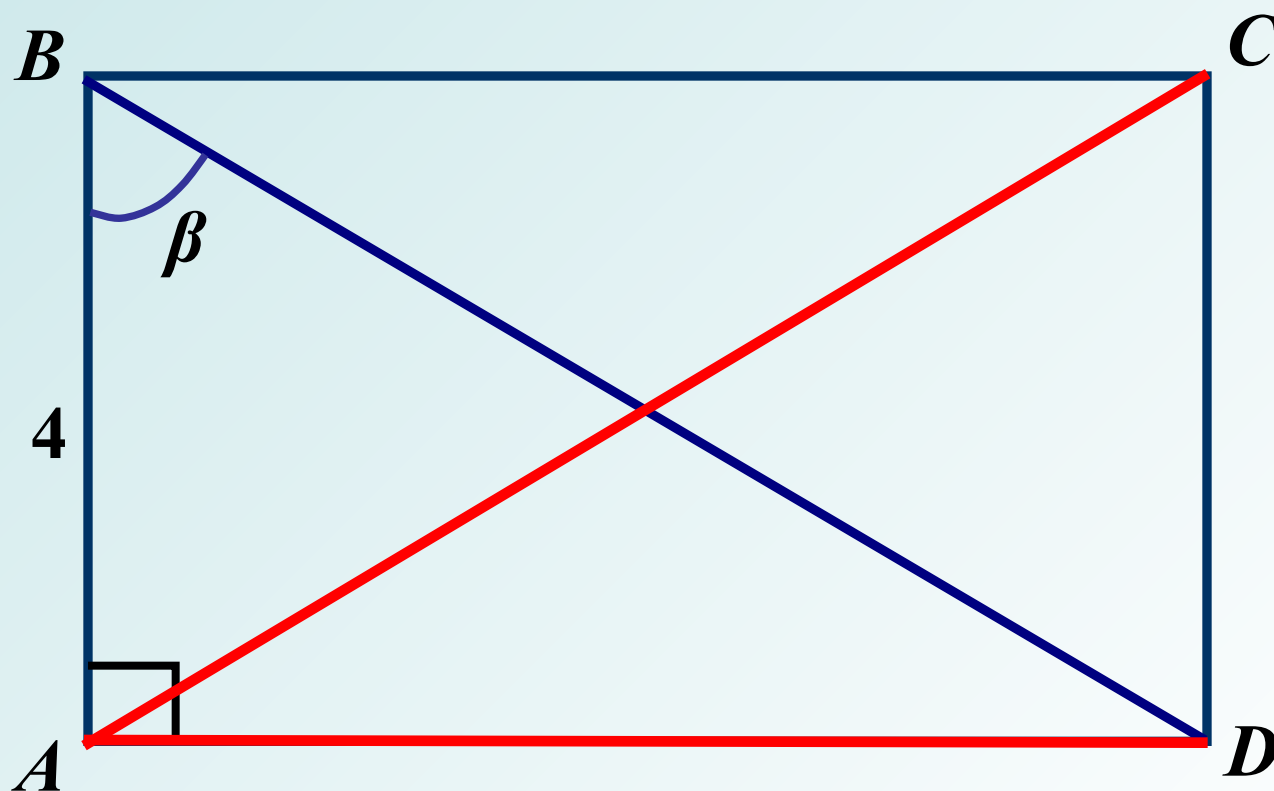
S_{ABC}



3.

Дано: $ABCD$ – прямоугольник $AC \perp BD$

Найти: $\angle A$, $\angle D$



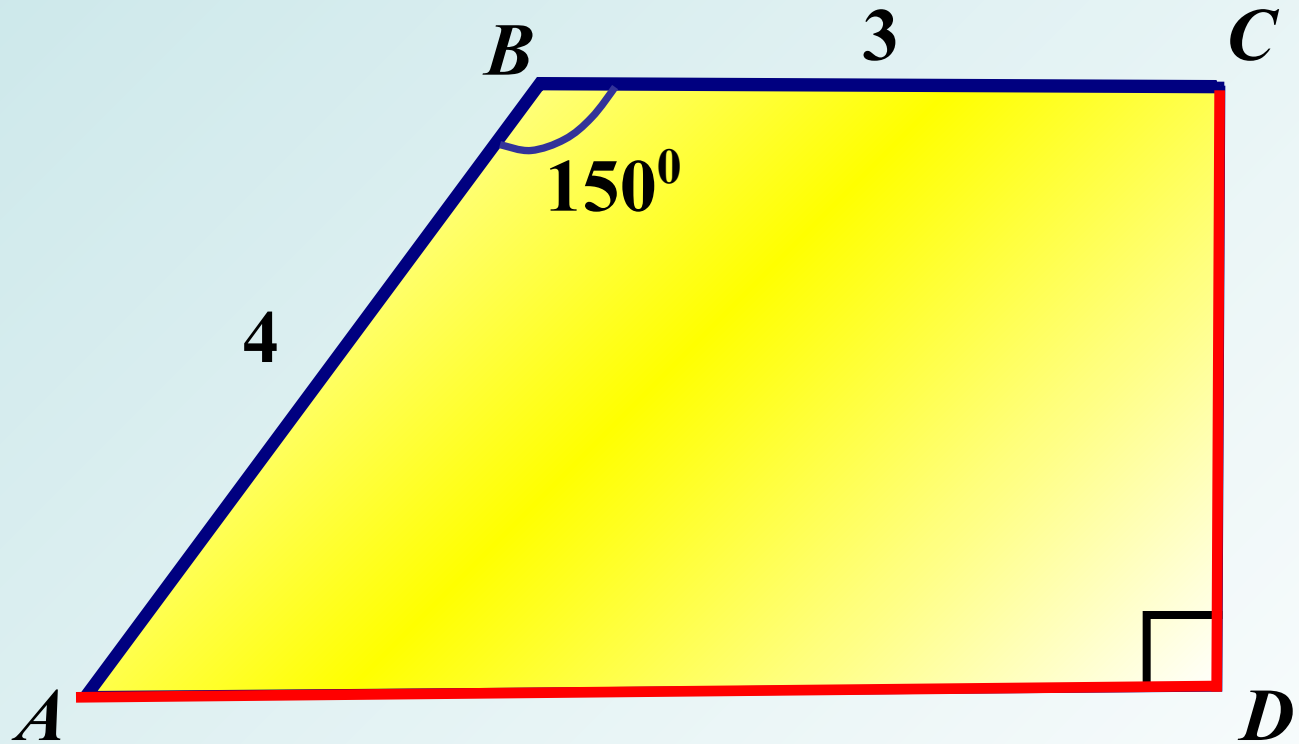
4.

Дано:

$ABCD$ – òđàïäöèÿ

Найти:

AD , CD , $S_{A\hat{A}ND}$



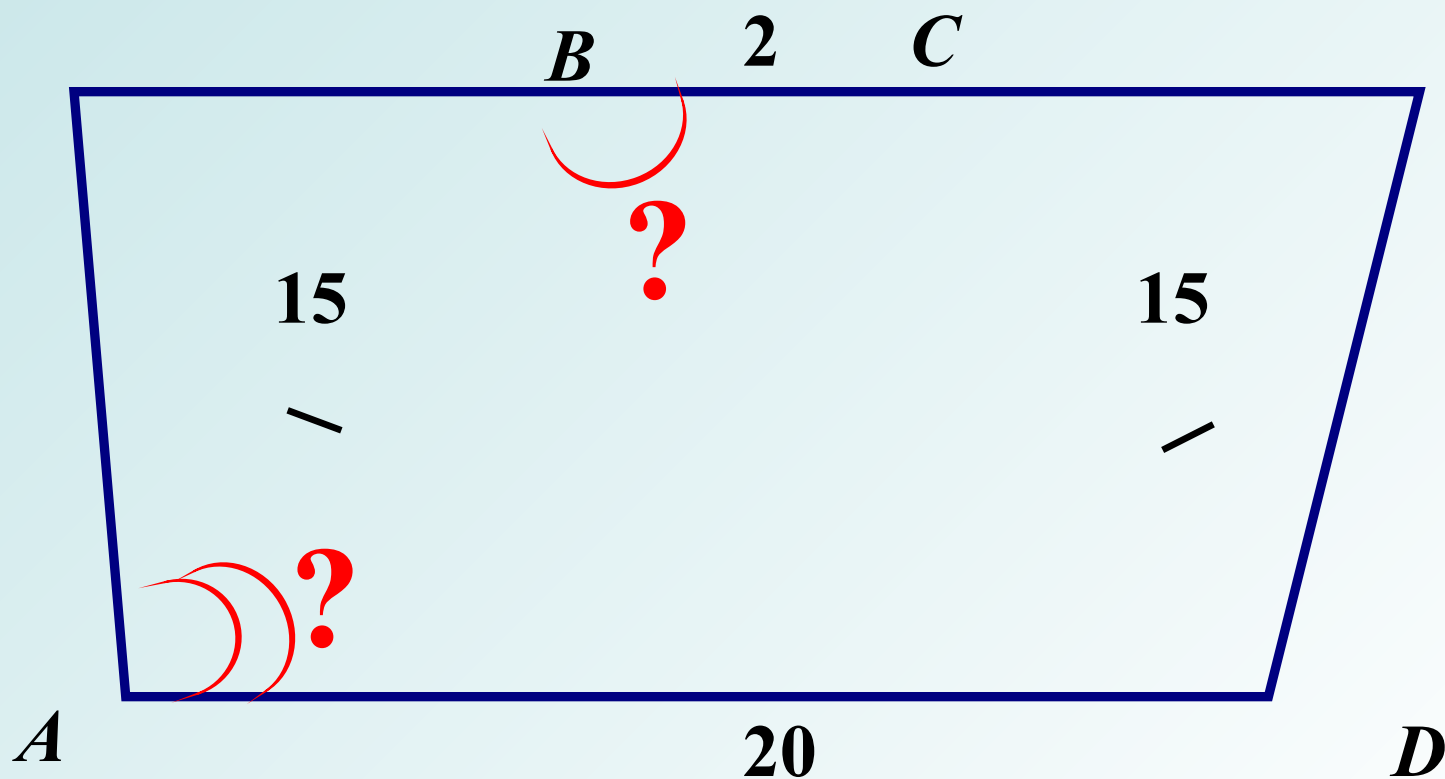
5.

Дано:

$ABCD$ – òđàïäöèÿ

Найти:

$\angle A$, $\angle A$

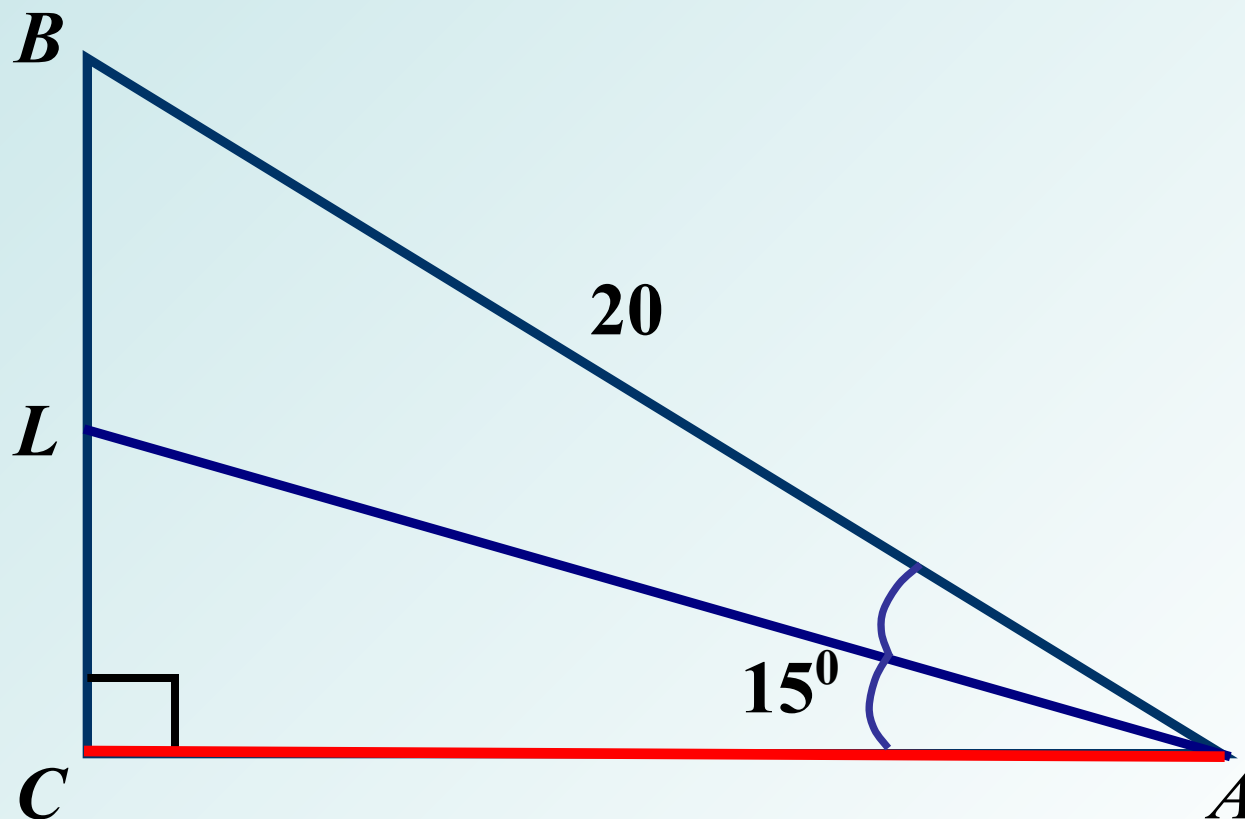


6.

Дано: $\triangle ABC$

Найти:

$\angle \tilde{N}$

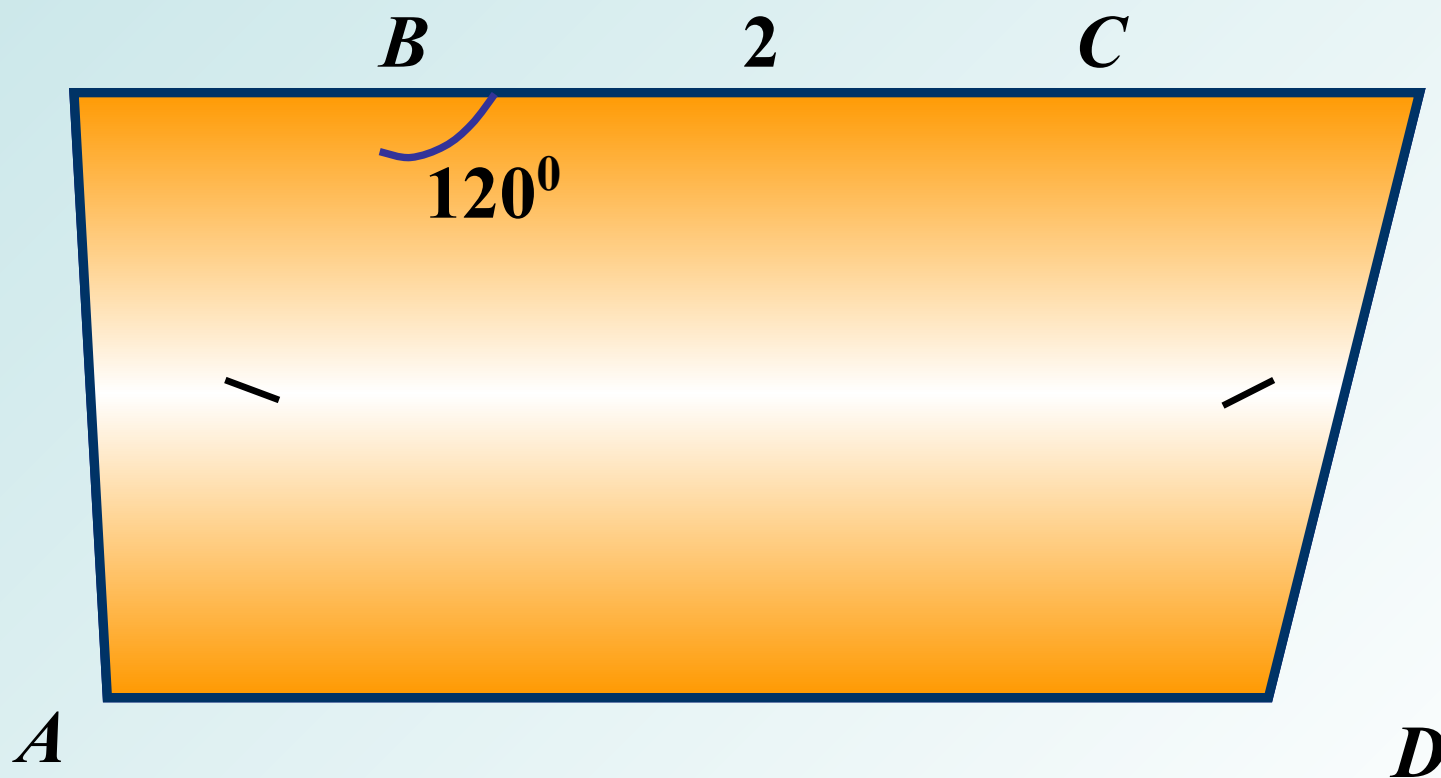


7.

Дано: $ABCD$ – параллелограм

Найти:

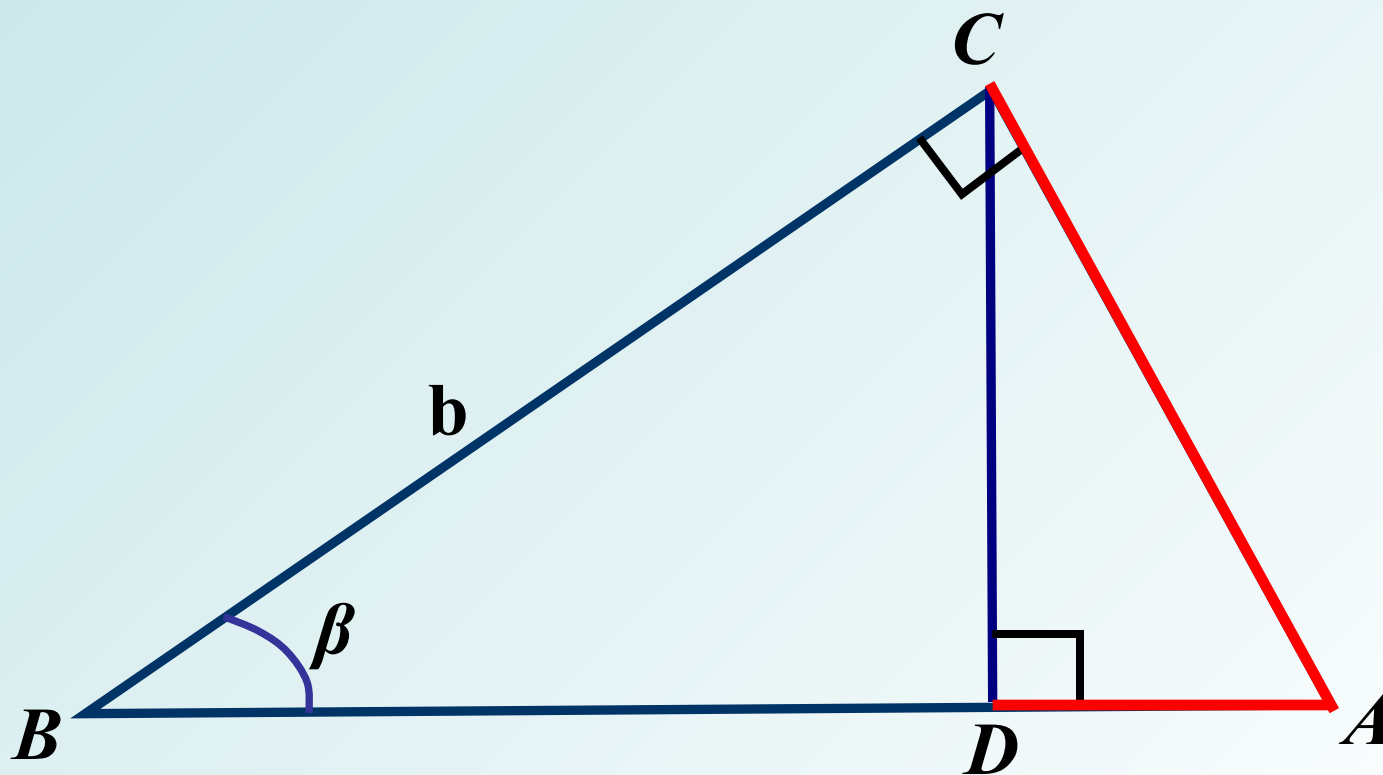
S_{ABCD}



8.

Дано: $\triangle ABC$

Найти: AD , AC



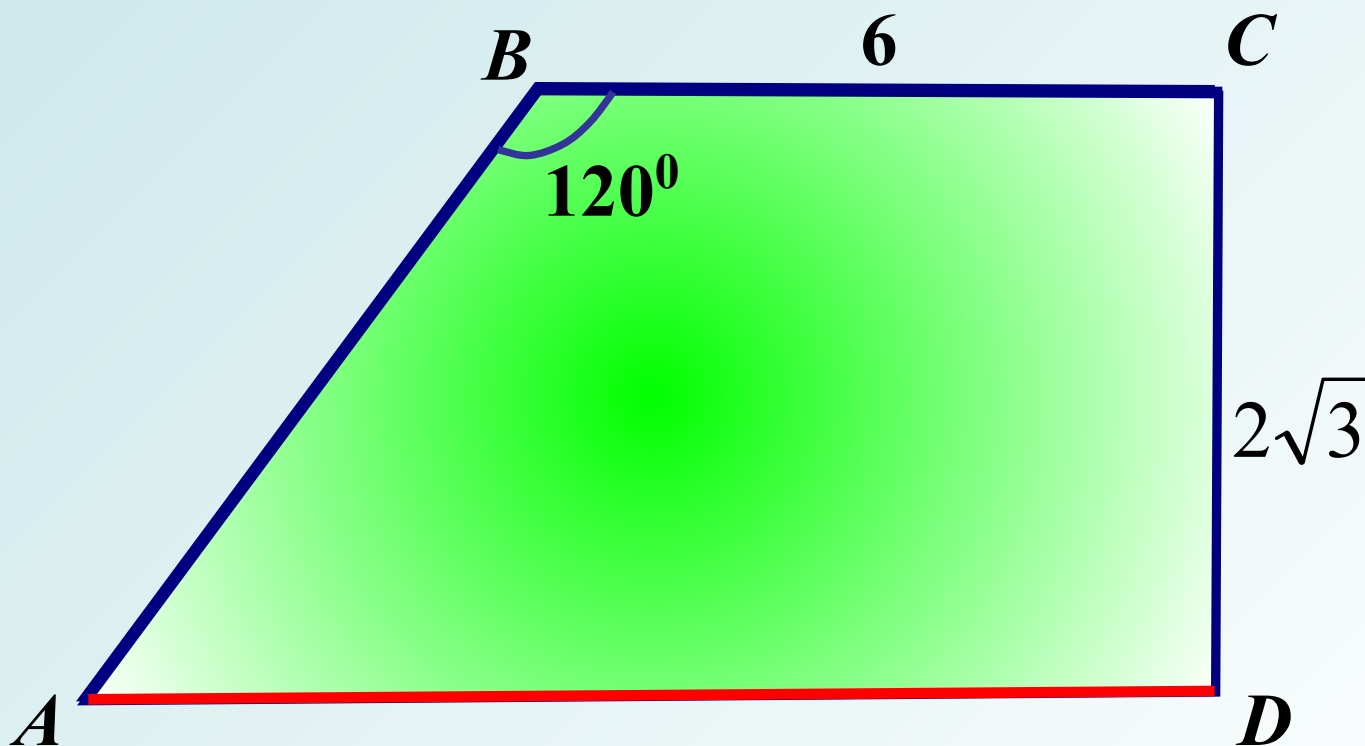
9.

Дано:

$AB\tilde{N}D - \text{òđàïäöèÿ}$

Найти:

AD, S_{ABCD}



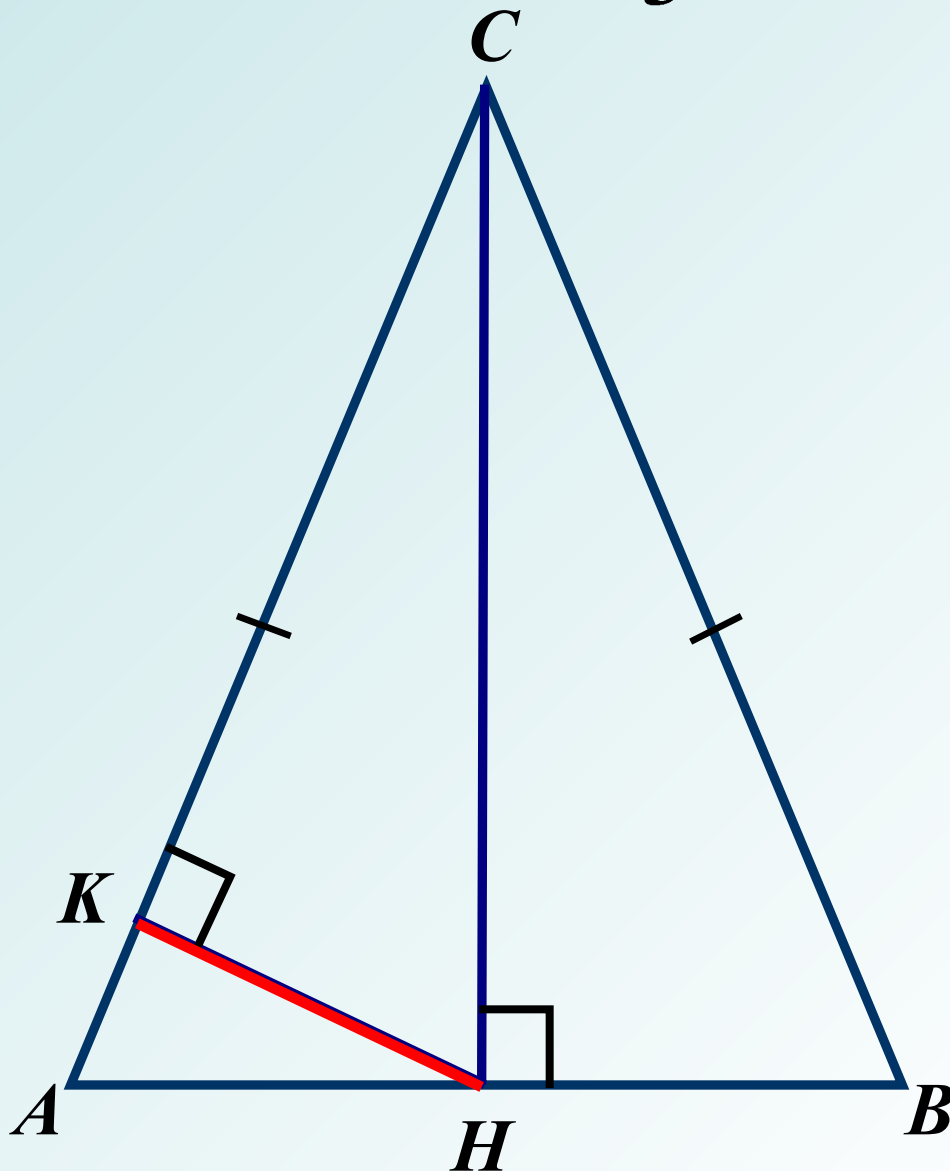
10.

Дано:

$$\triangle ABC, \cos B = \frac{1}{3}, AC = 4$$

Найти:

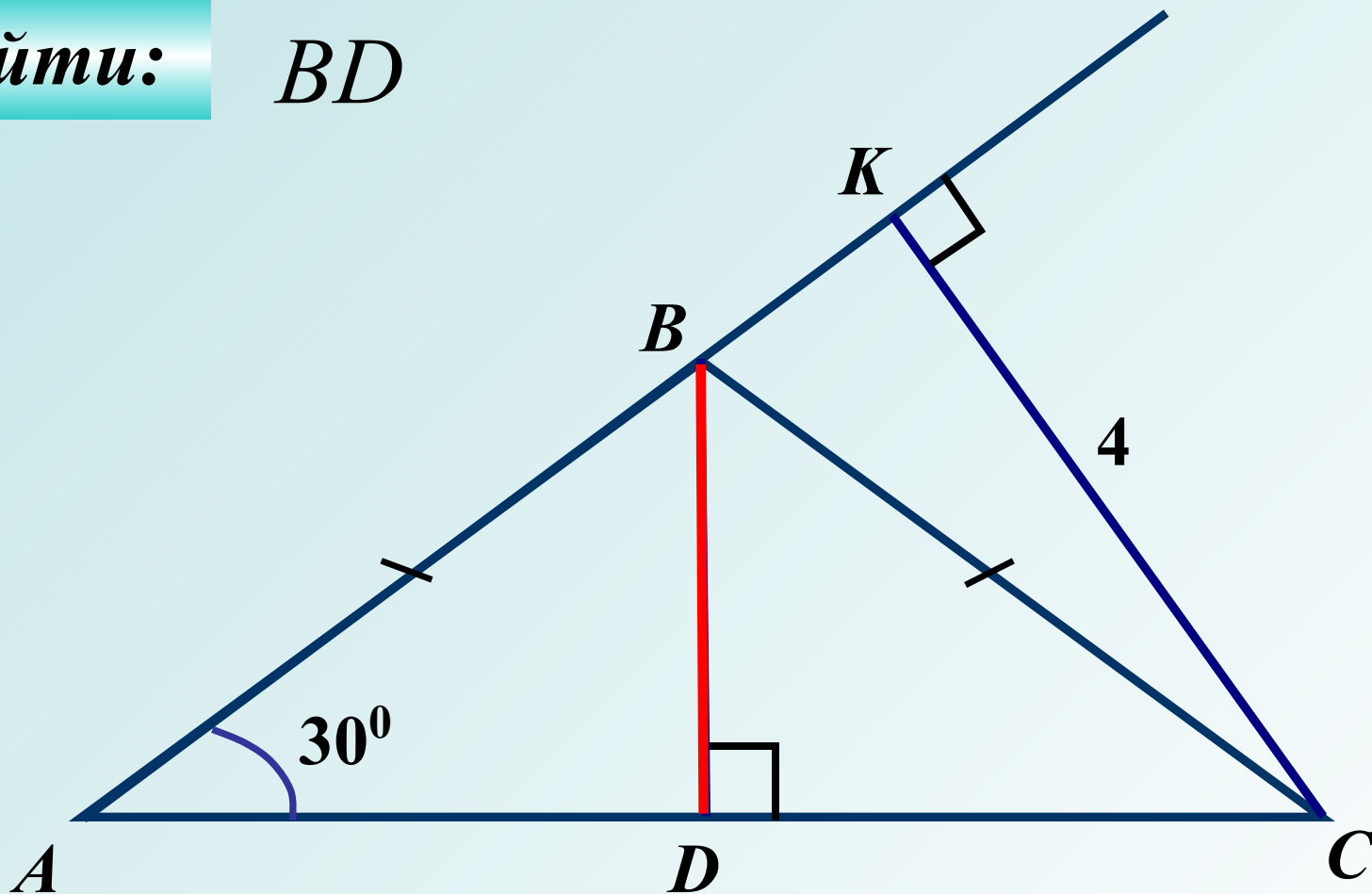
BE



11.

Дано: $\triangle A\hat{A}C$

Найти: BD



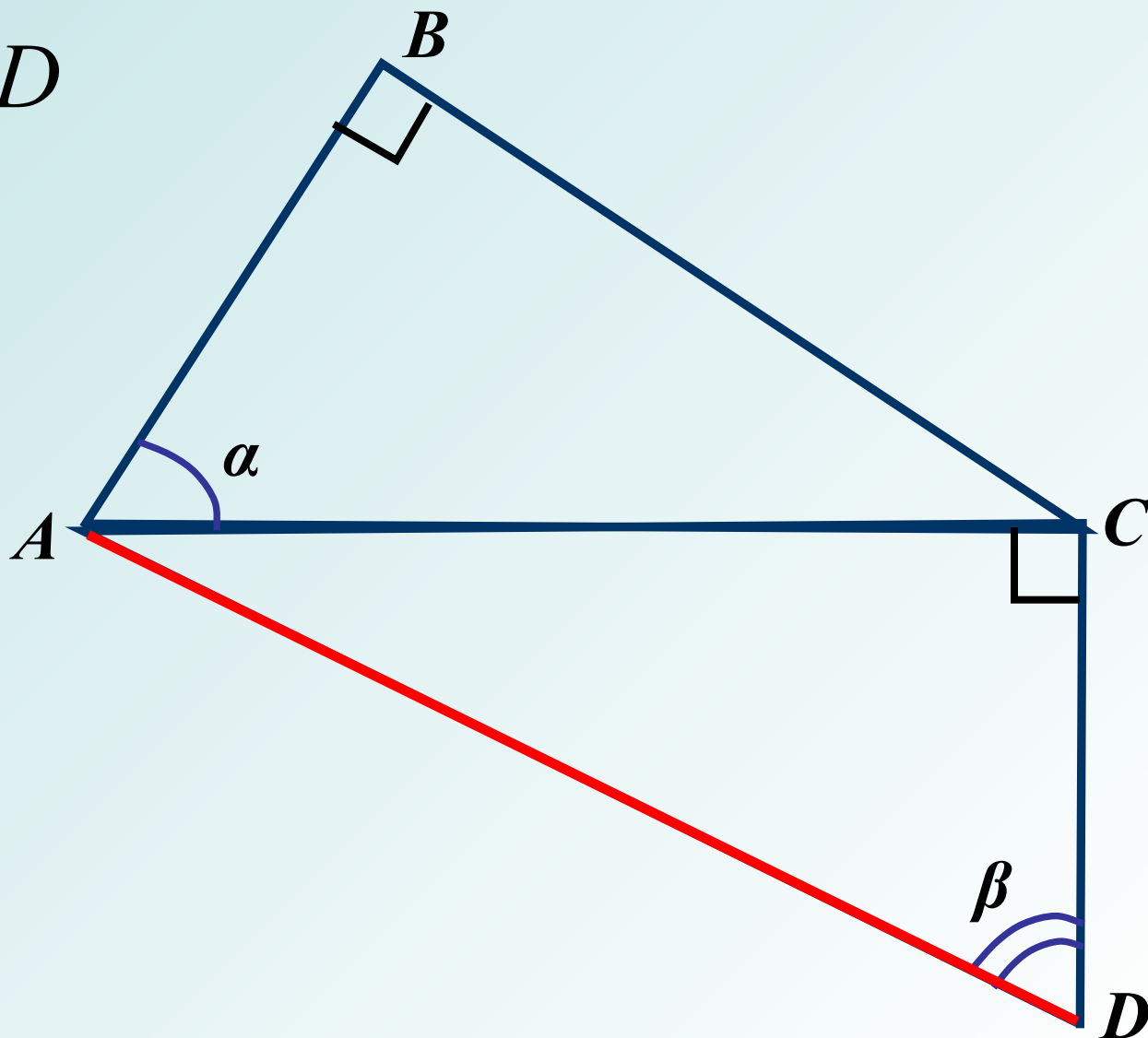
12.

Дано:

$ABCD$ – ромб, $\angle A = \alpha$, $\angle D = \beta$

Найти:

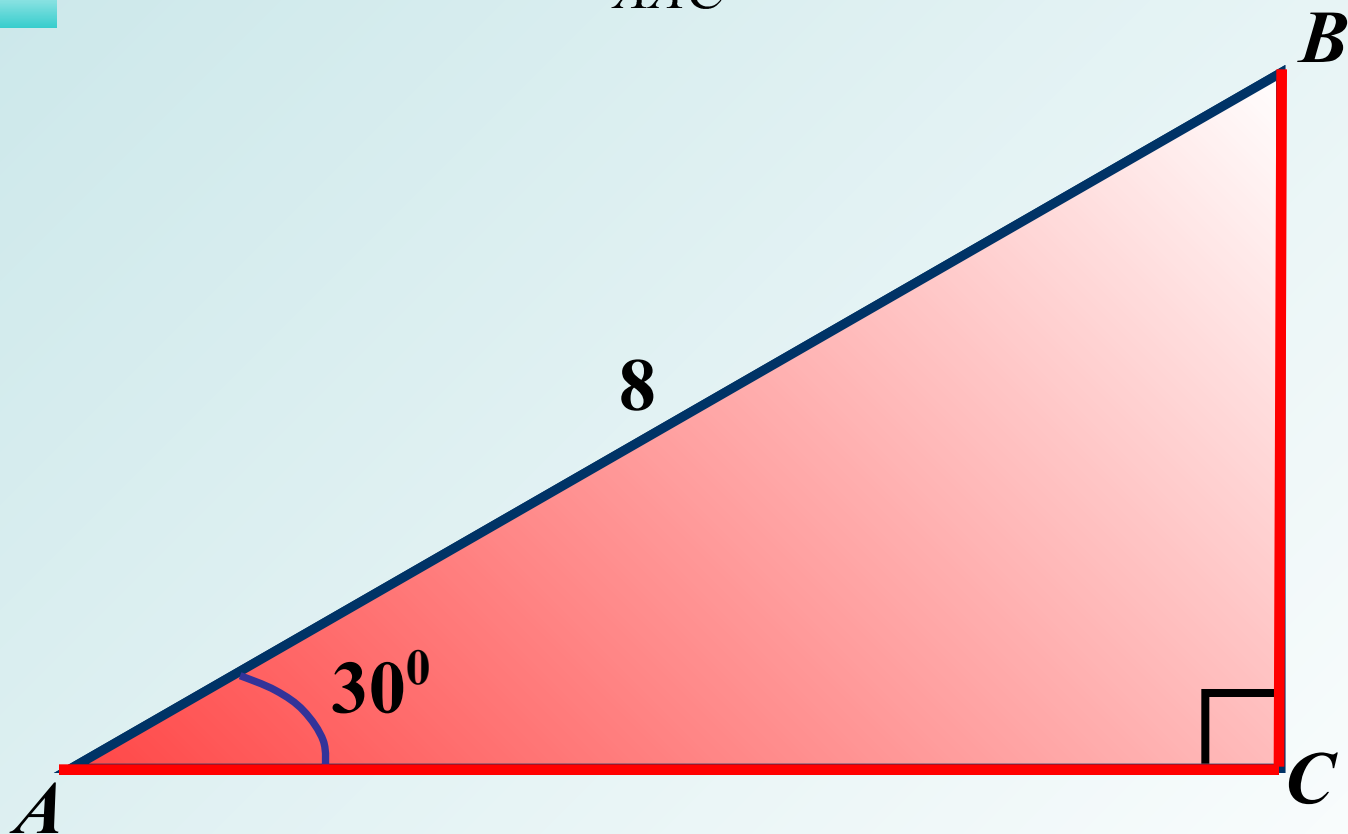
AD



13.

Дано: $\triangle ABC$

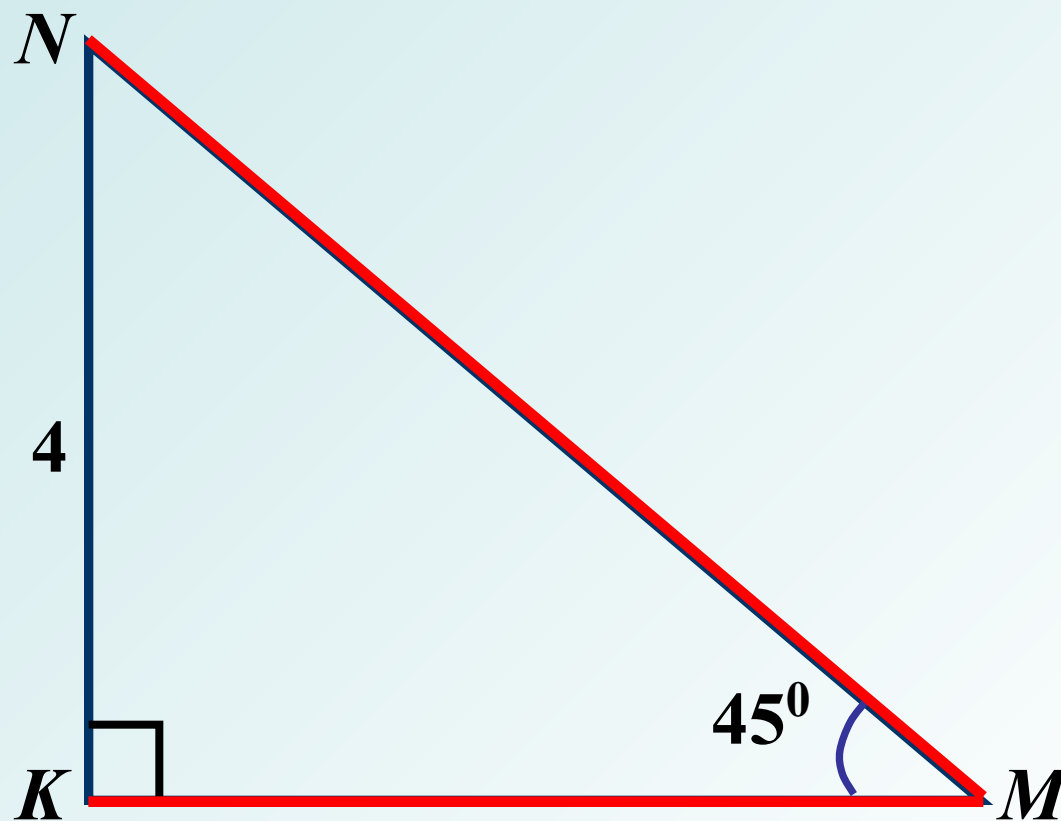
Найти: BC , AC , $S_{\triangle ABC}$



14.

Дано: $\triangle MKN$

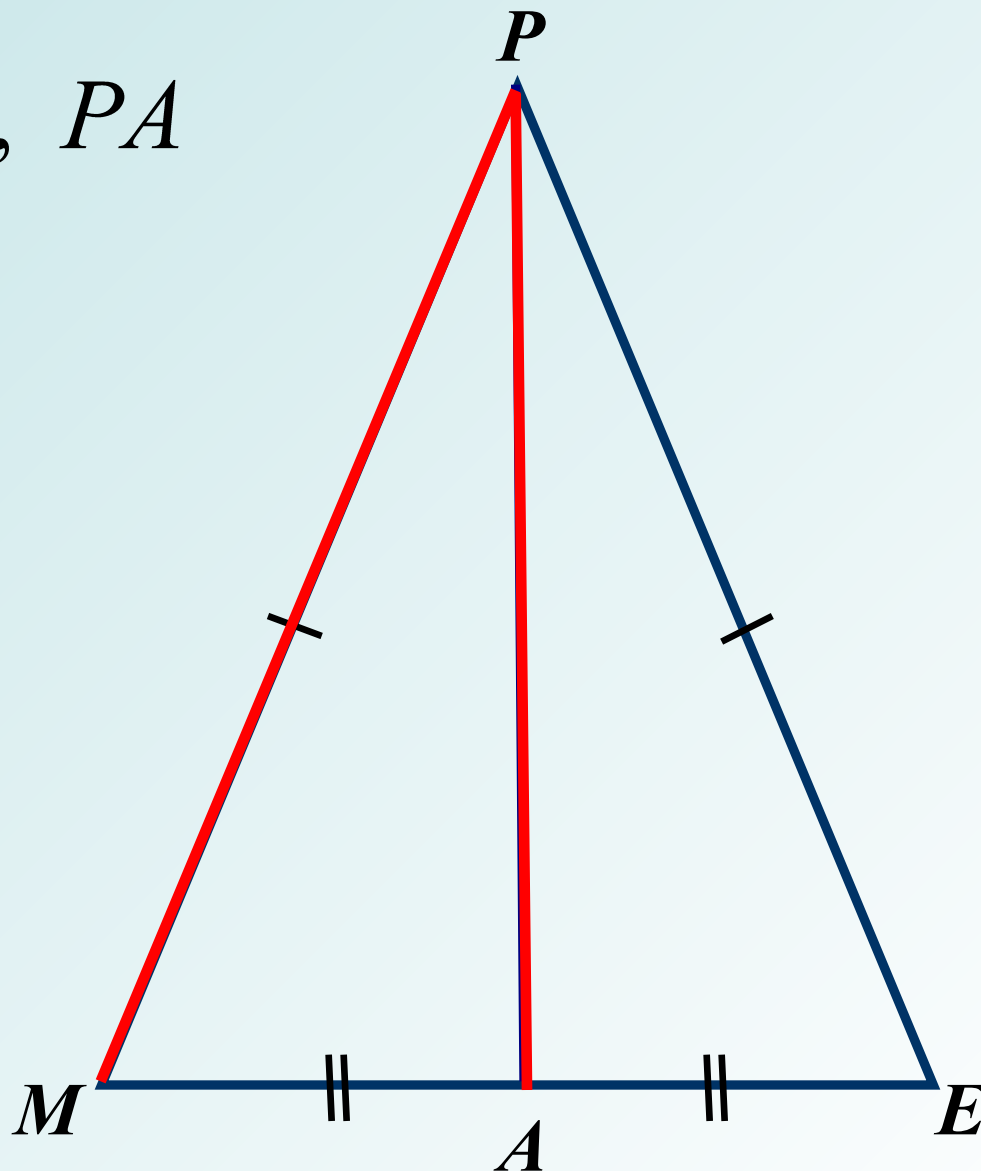
Найти: MK, MN



15.

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

Найти: MP , PA



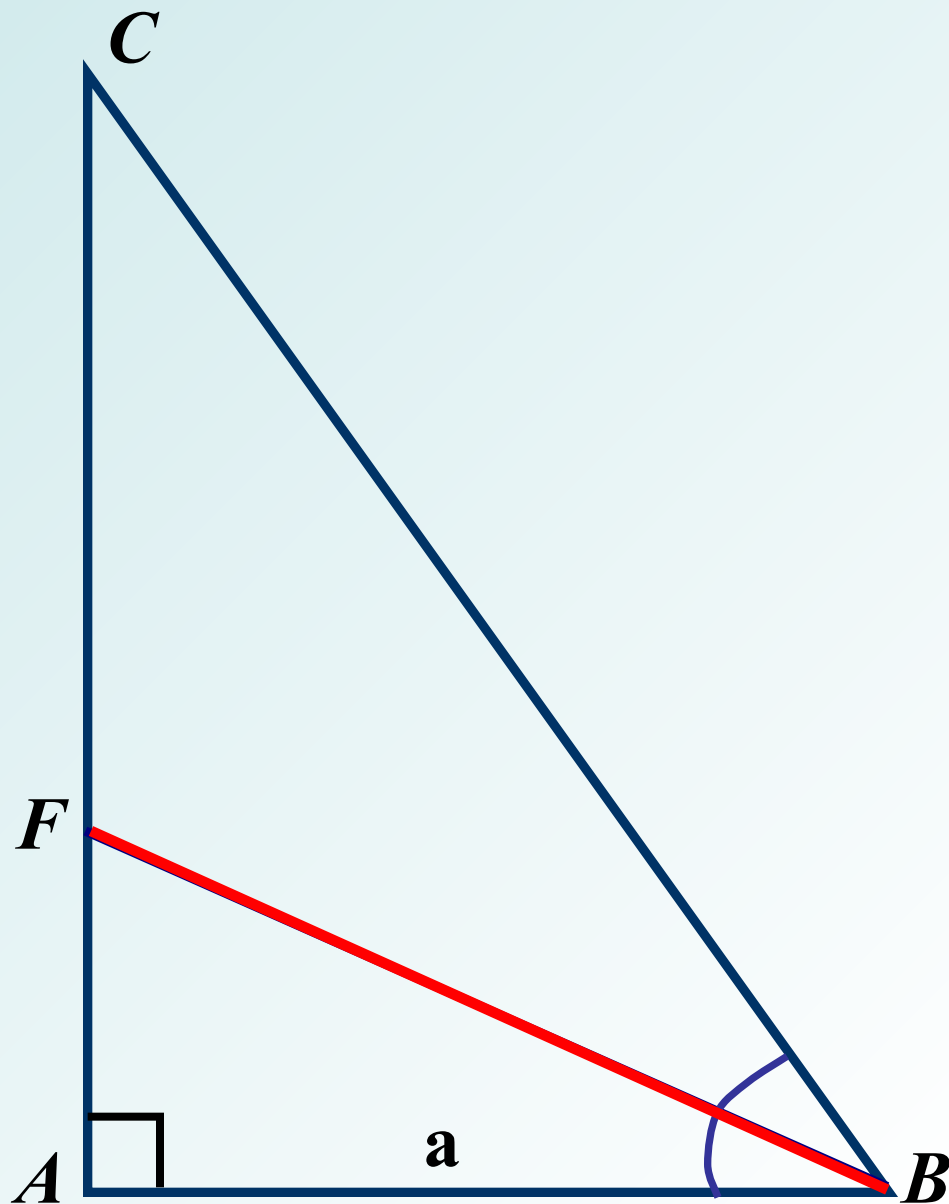
16.

Дано:

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

BF – медиана

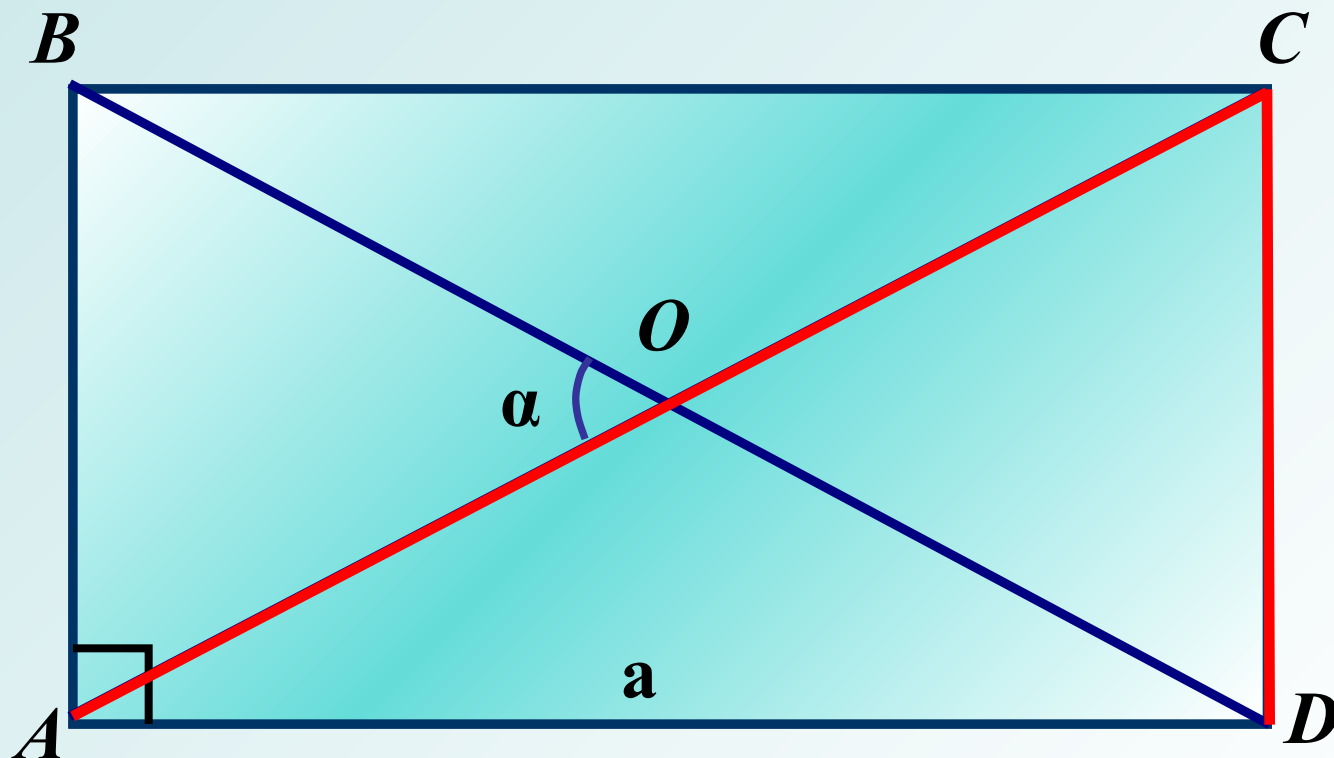
Найти: $\hat{A}F$



17.

Дано: $ABCD$ – прямоугольник

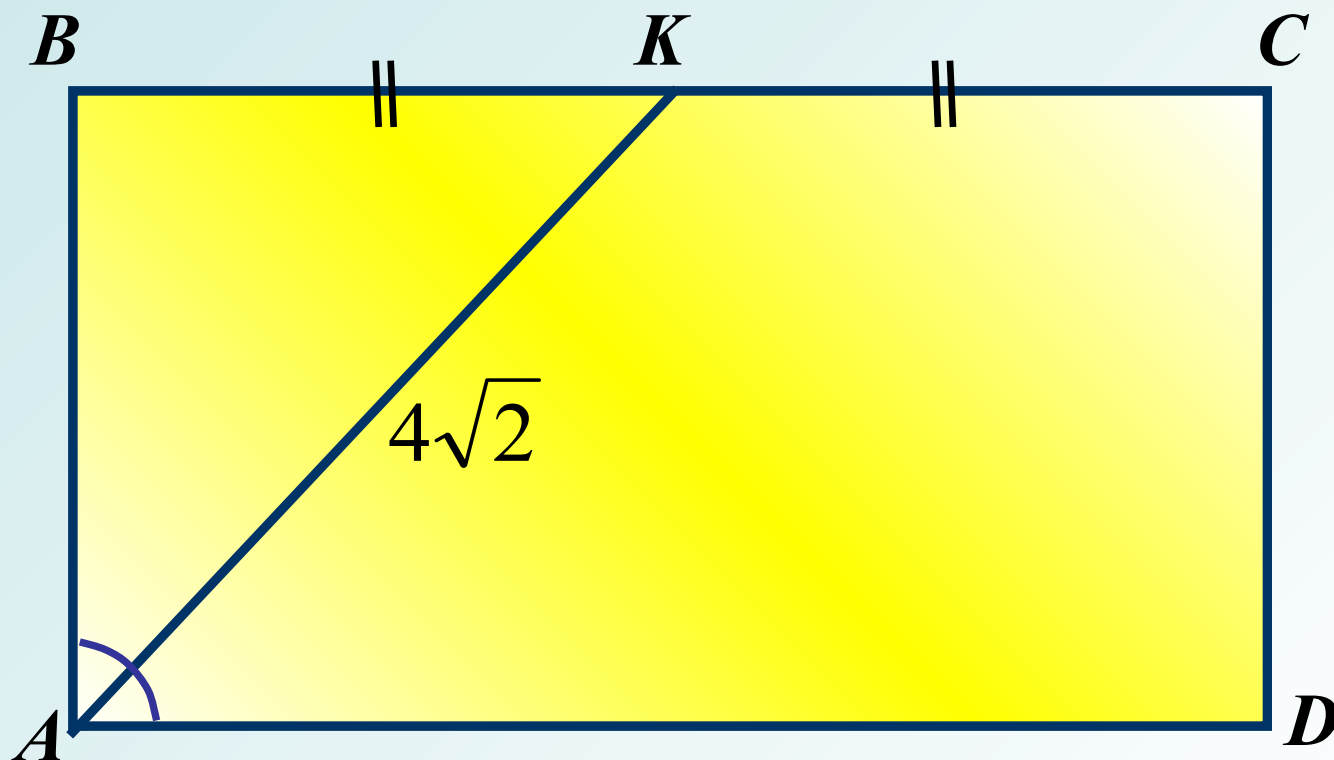
Найти: CD , AC , S_{ABCD}



18.

Дано: $ABCD$ – $\square$

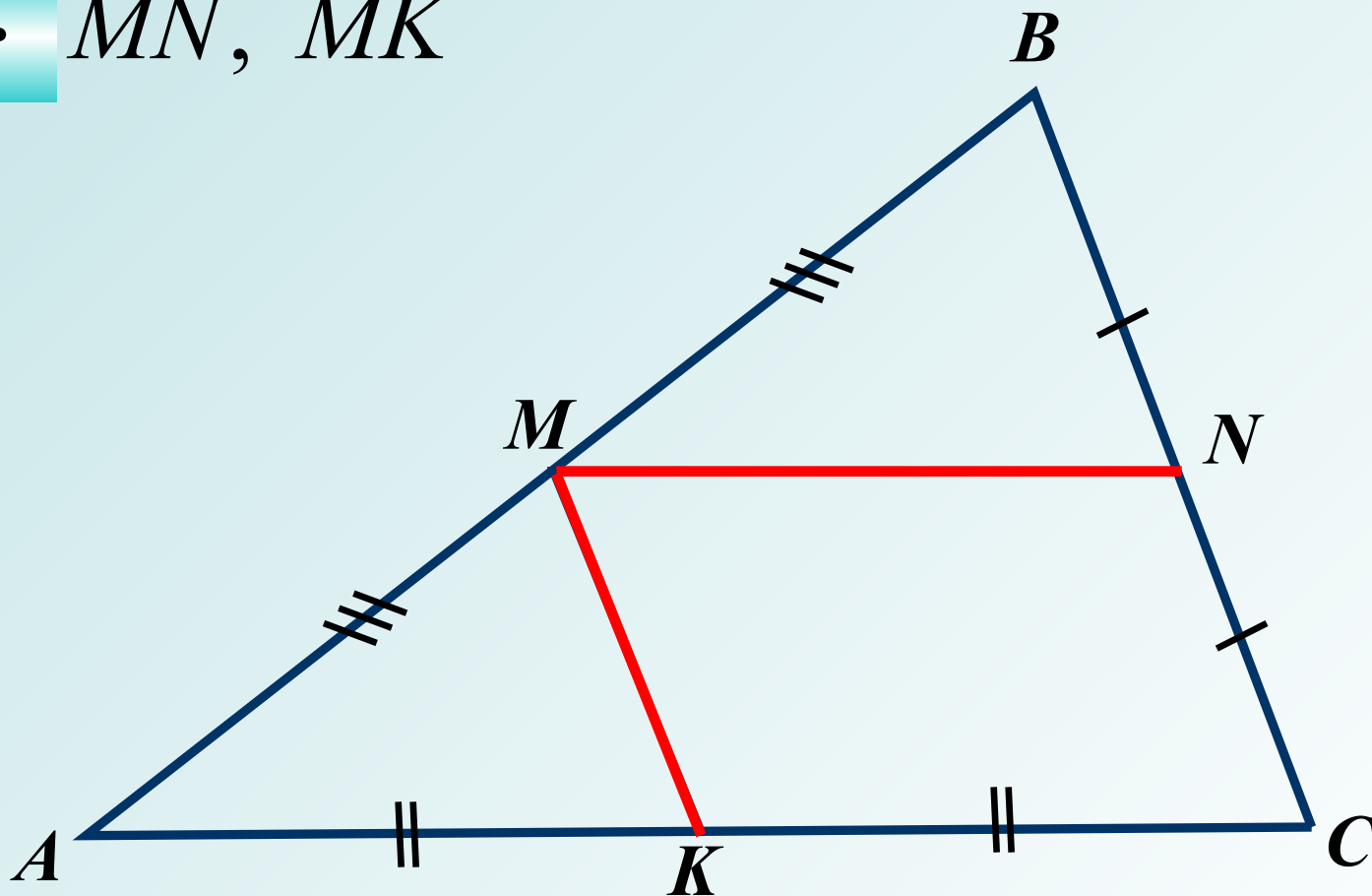
Найти: S_{ABCD}



19.

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

Найти: MN , MK



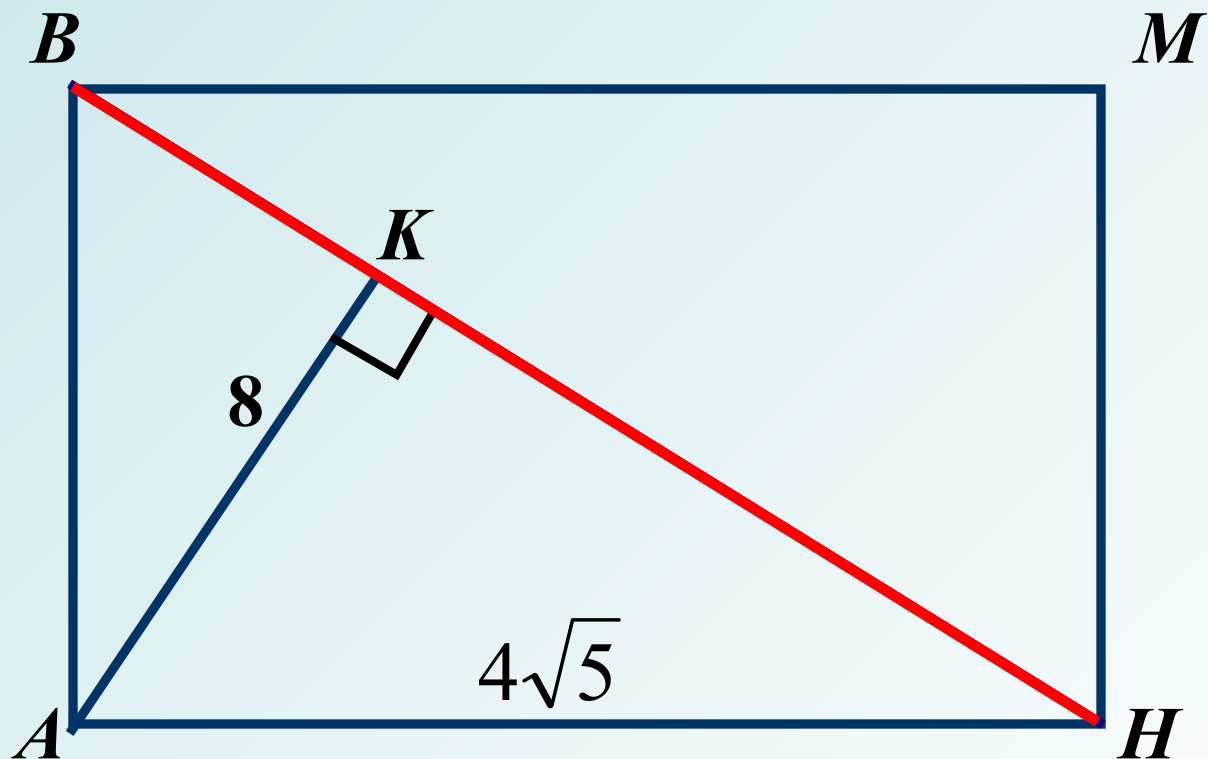
20.

Дано:

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

Найти:

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



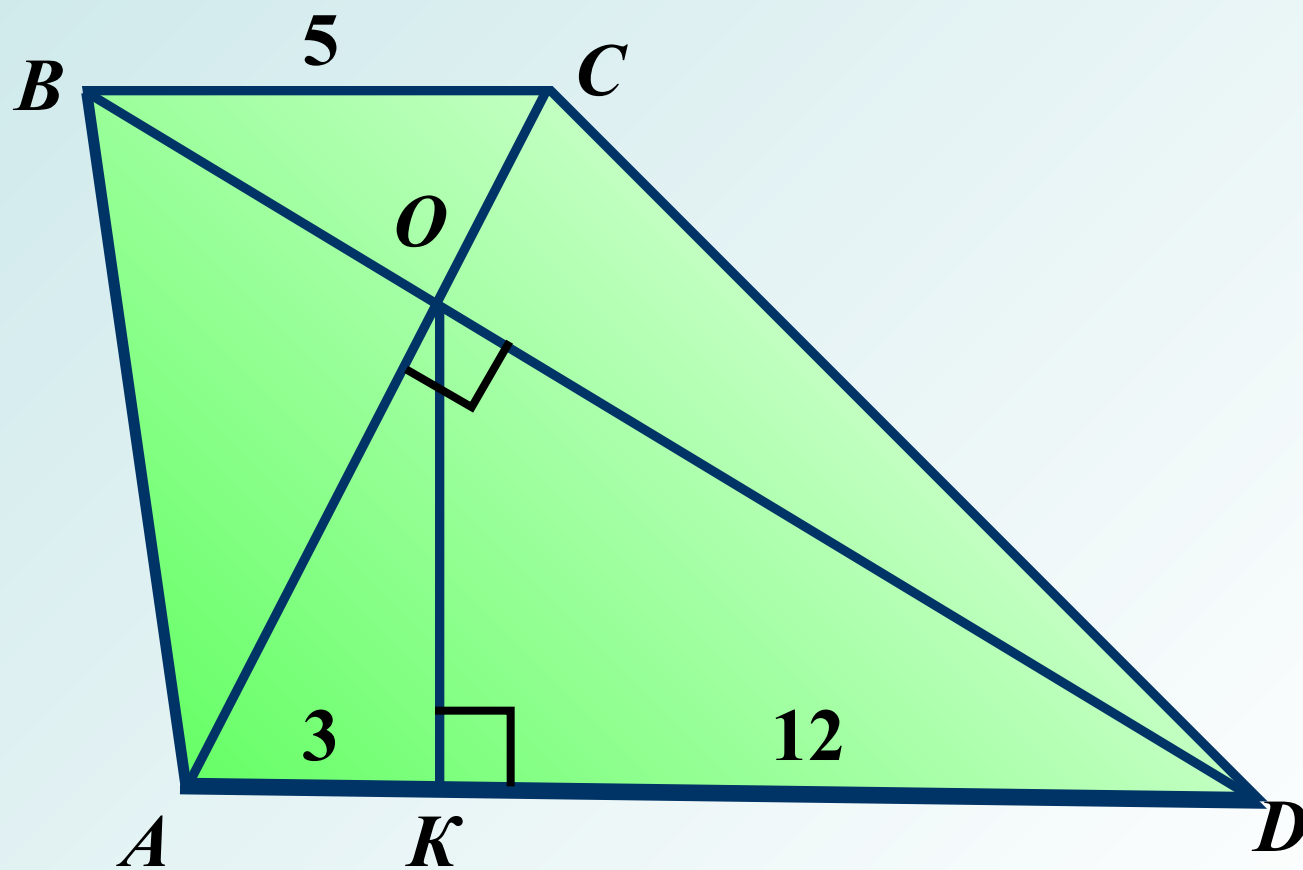
21.

Дано:

$AC \perp BD$ – оòàïäöèÿ

Найти:

S_{ABCD}



22.

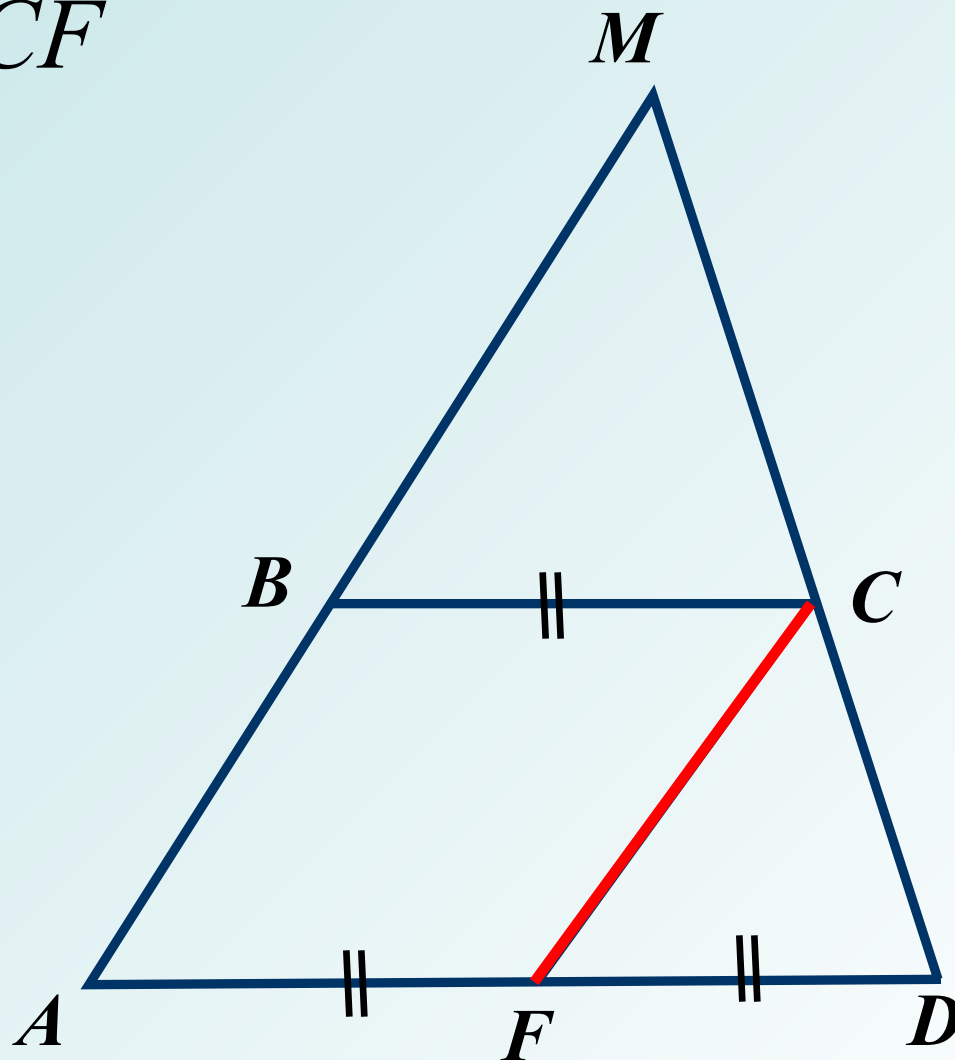
Дано:

$\triangle MND$ – тупоугольный

$$MN = 10 \text{ см}$$

Найти:

CF



23.

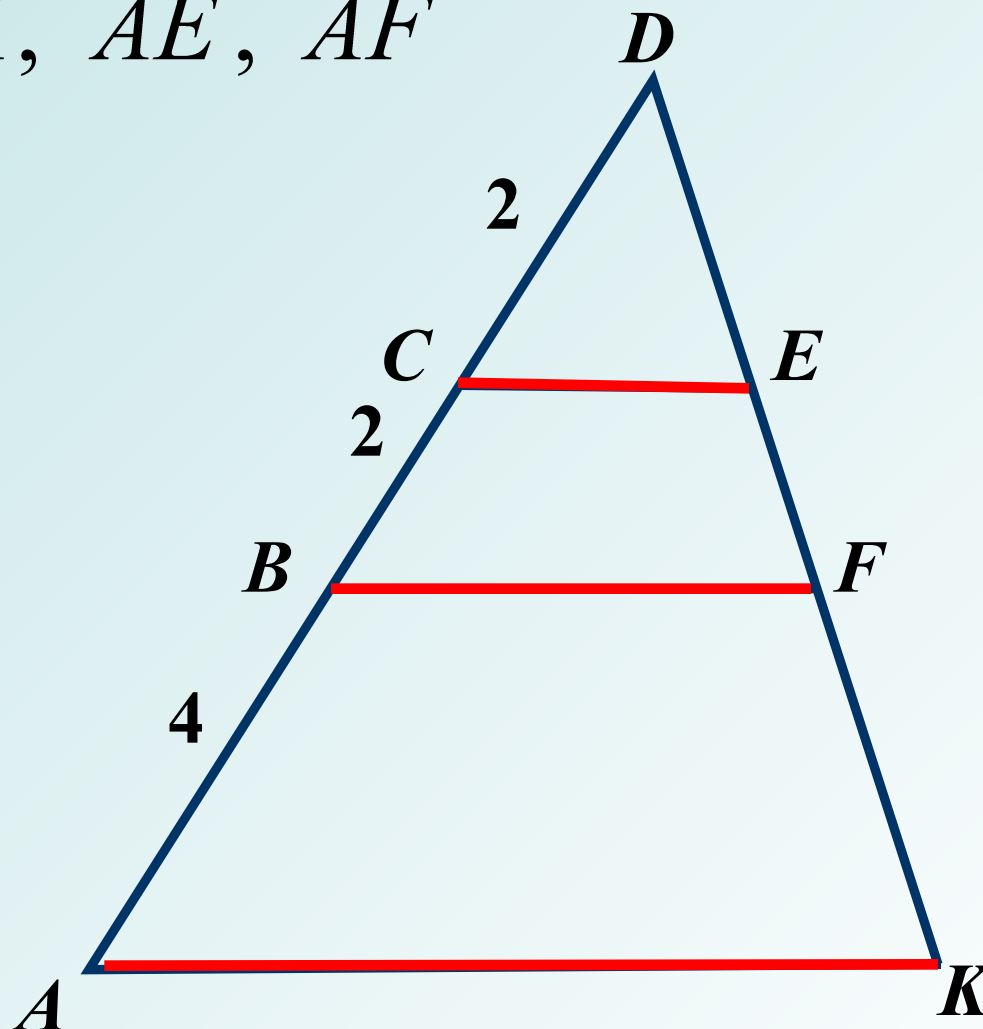
Дано:

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

$$CA + AF + AE = 21$$

Найти:

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



24.

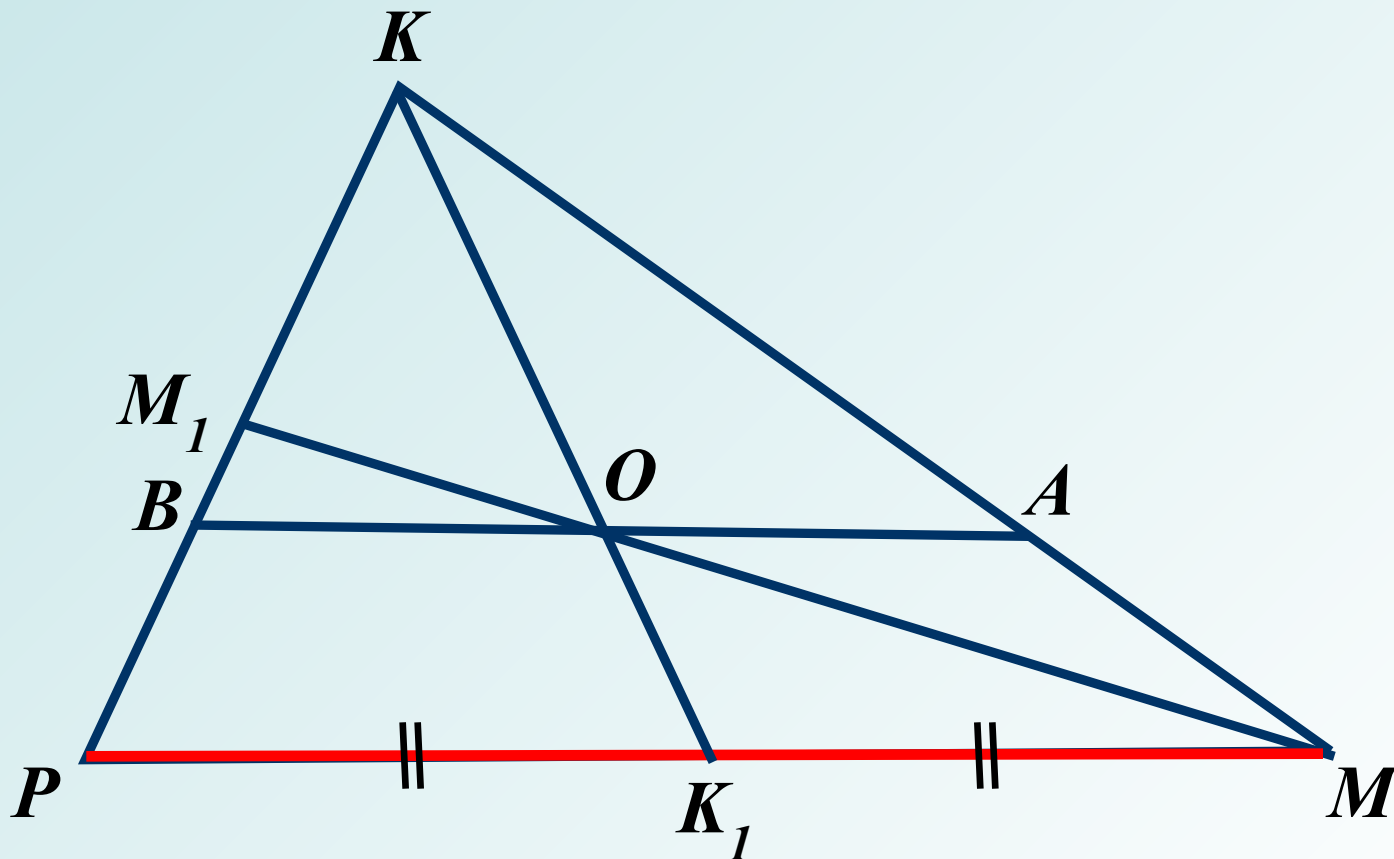
Дано:

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

$$\hat{A}\hat{B} = 18$$

Найти:

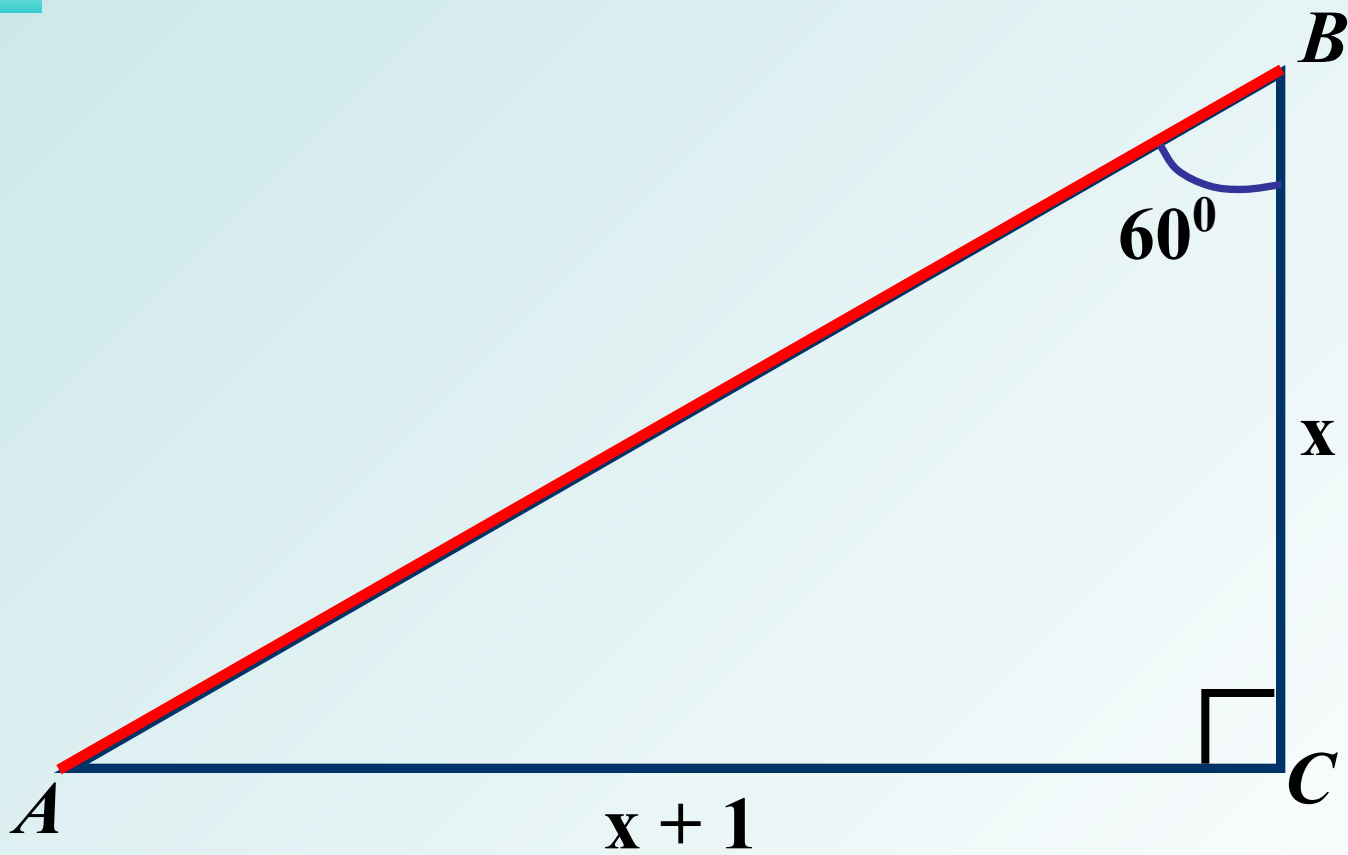
$\hat{I}\hat{D}$



25.

Дано: $\triangle ABC$

Найти: $\hat{A}$



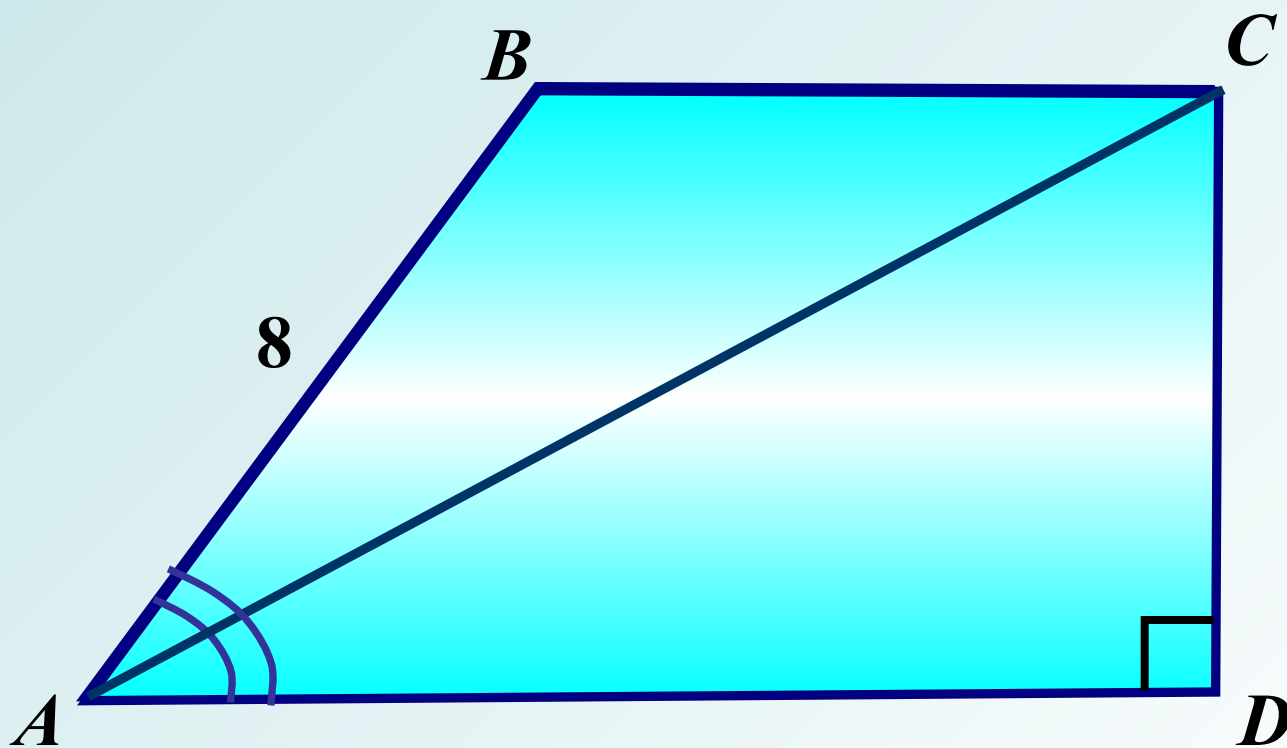
26.

Дано:

$AC \perp BD$
 $\angle BAC = 2 \cdot \alpha$

Найти:

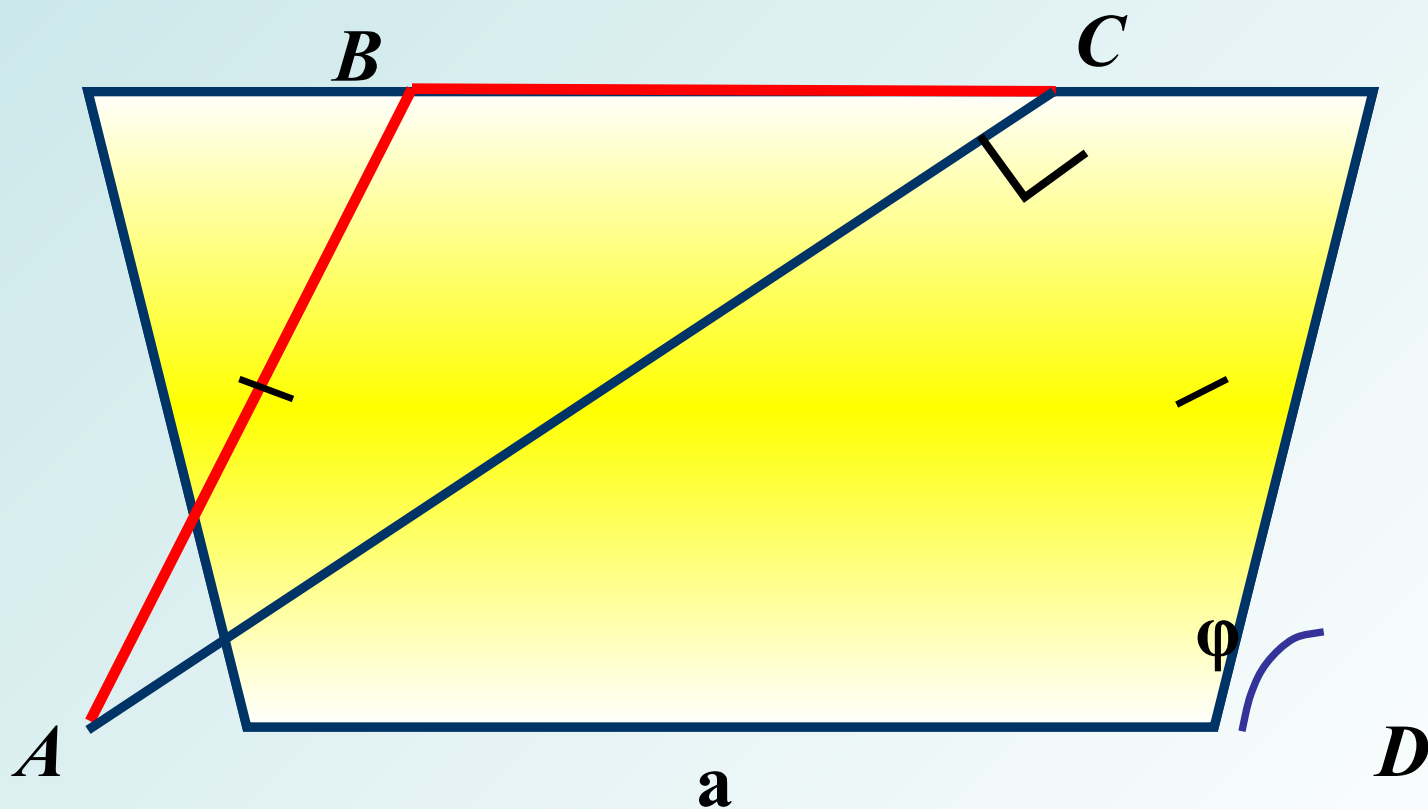
S_{ABCD}



27.

Дано: $AN \perp BD$ – оòàìäöëÿ

Найти: AB , BC , S_{ABCD}



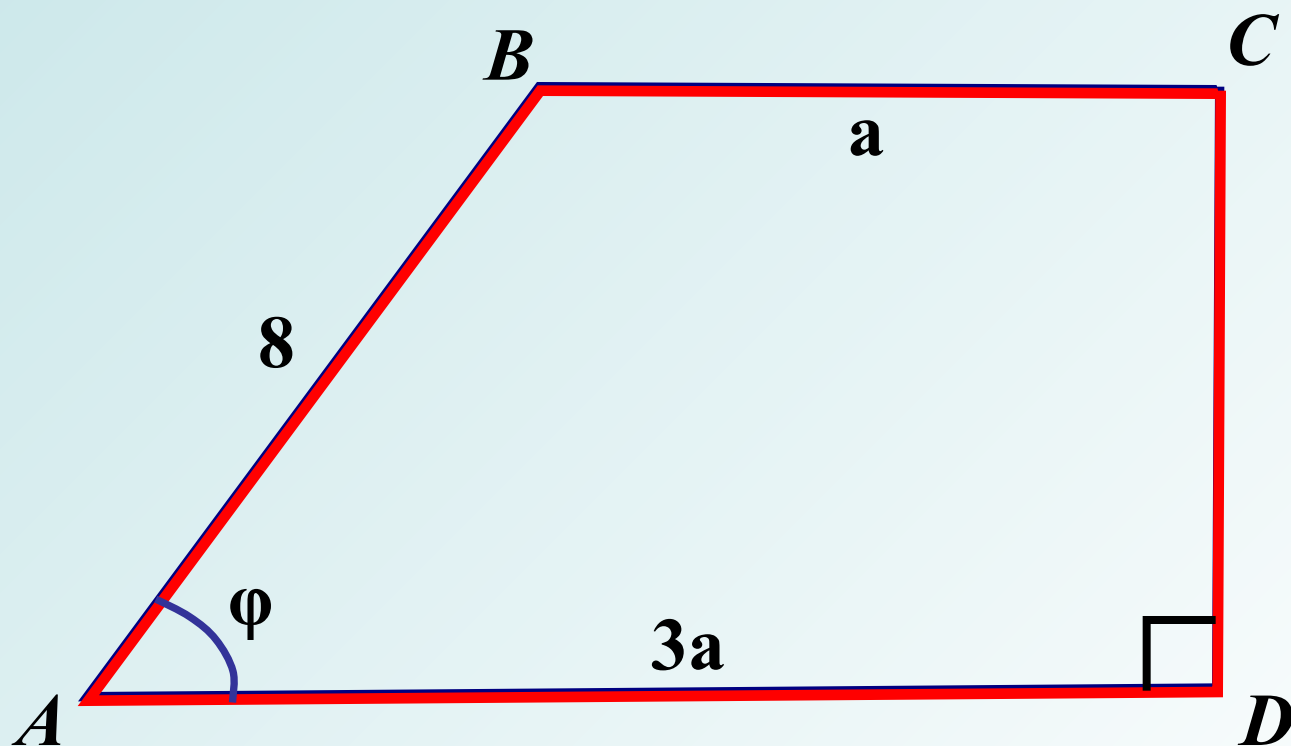
28.

Дано:

$ABCD$ – òđàïäöèÿ

Найти:

P_{ABCD}



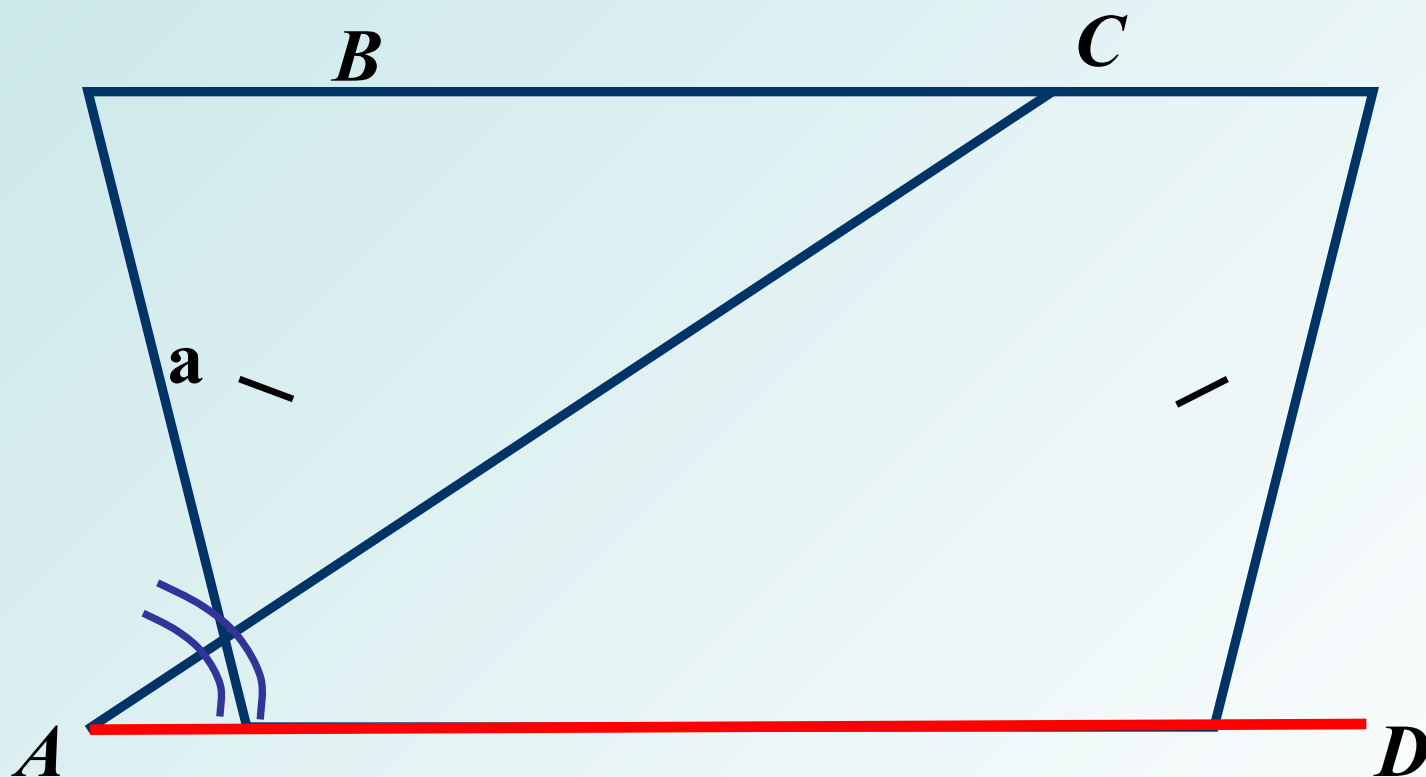
29.

Дано:

$ABCD$ – параллелограмм
 $\angle BAN = \beta$

Найти:

$\angle D$



30.

Дано: $\angle BOB_1$

Найти: AB , A_1B_1

