

*Решение задач
на готовых чертежах.*

Теорема Пифагора.

Геометрия.

8 класс.

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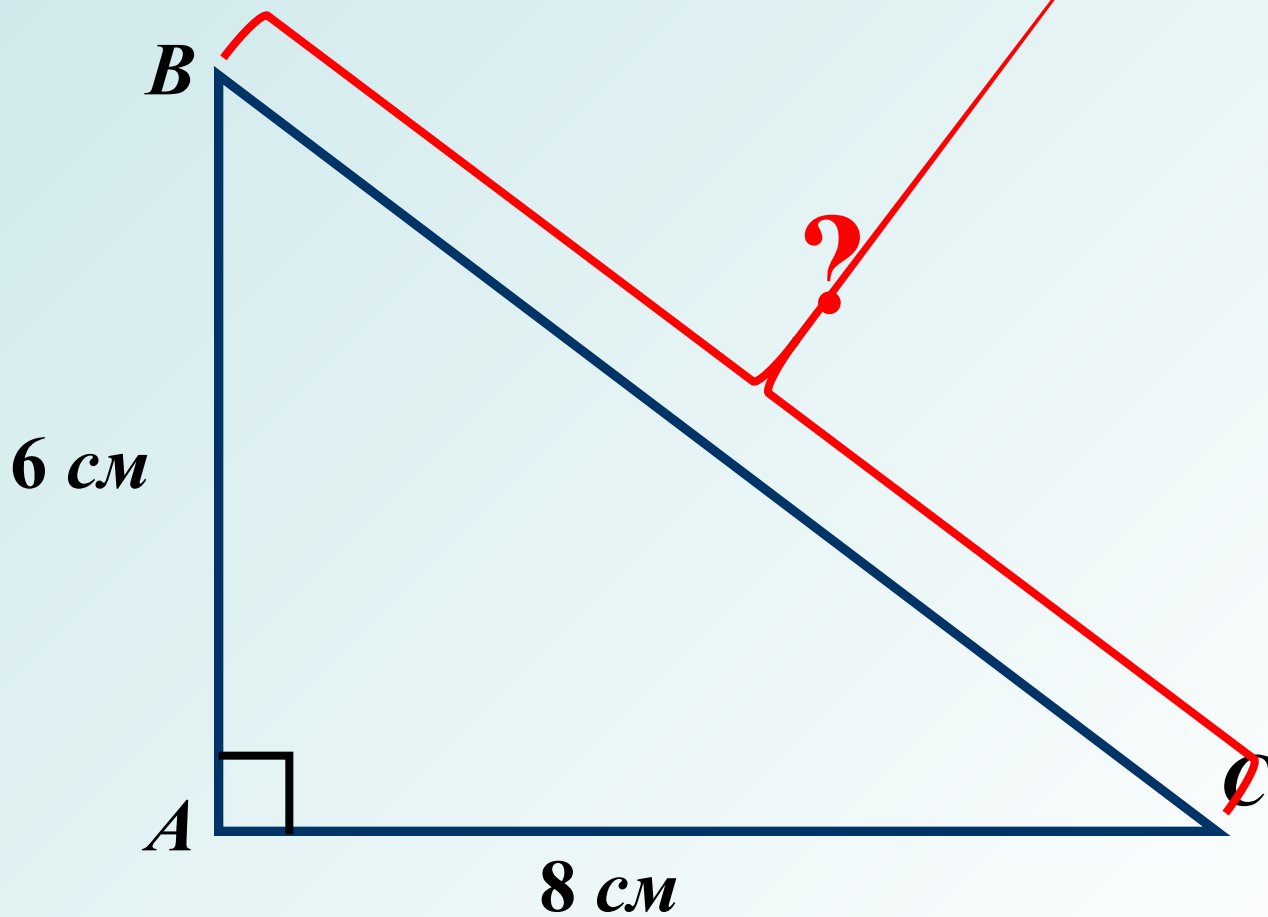
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

1.

Дано: $\triangle ABC$

Найти:

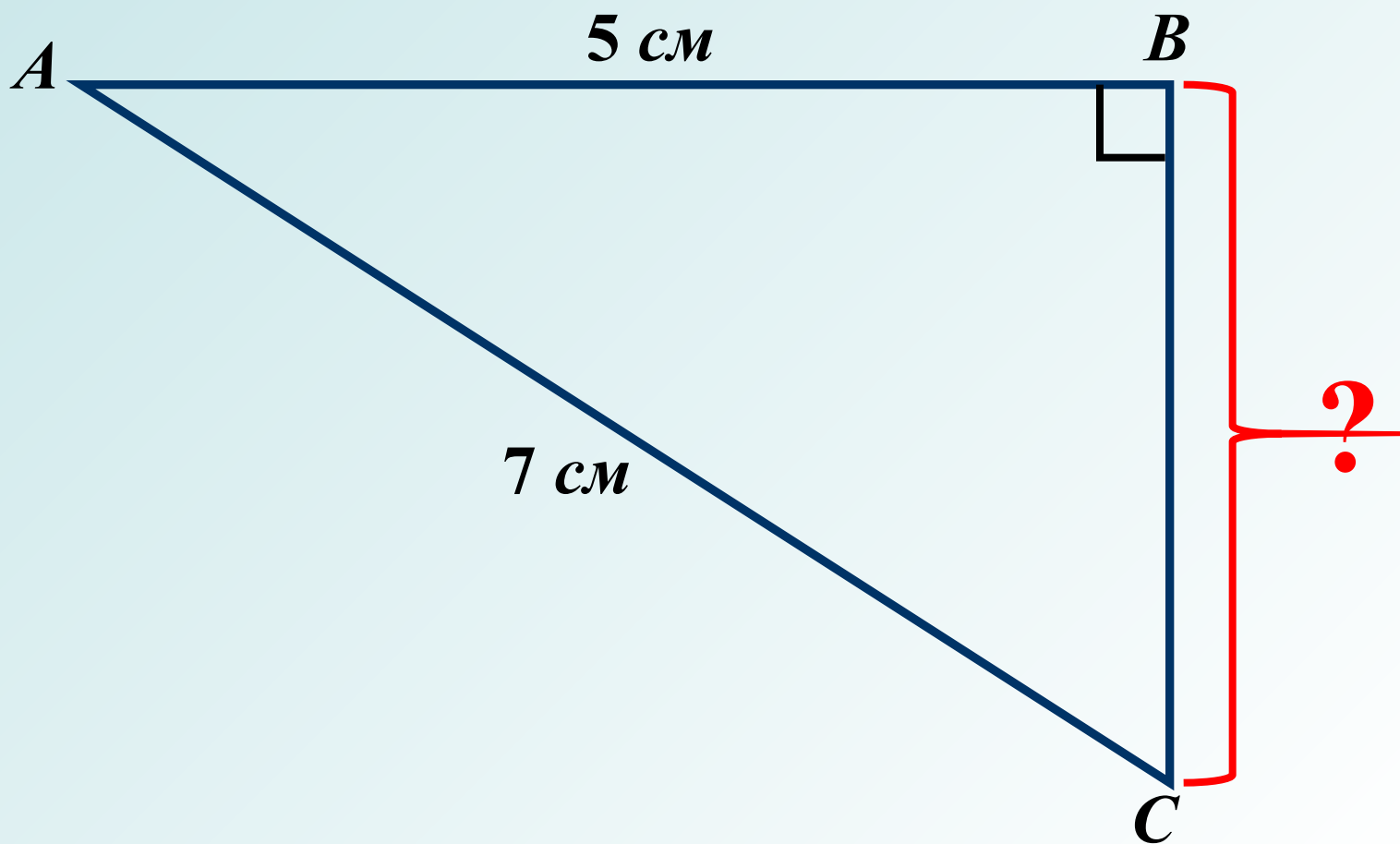
$\hat{A}$



2.

Дано: $\triangle ABC$

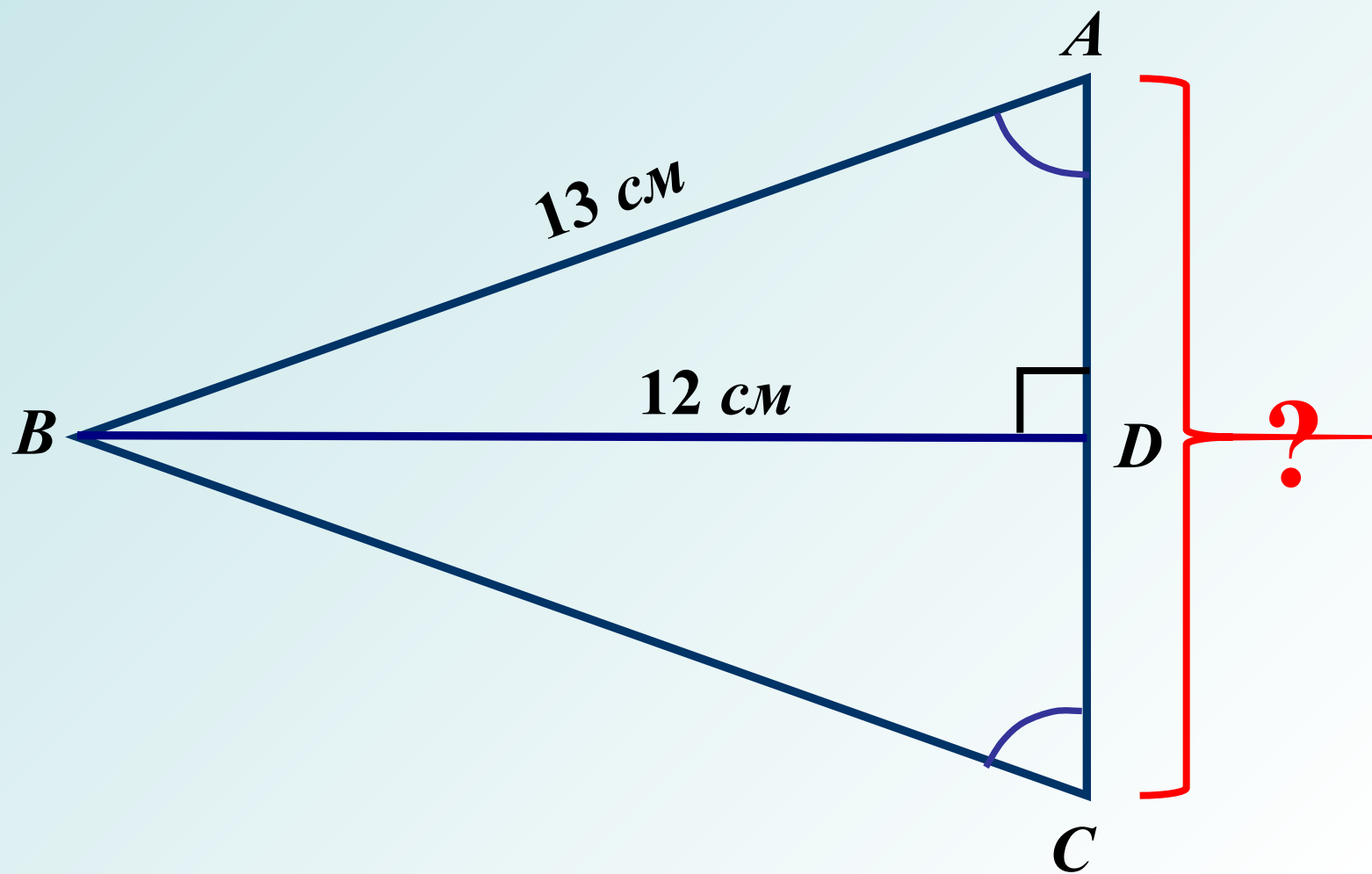
Найти: $\hat{A}\tilde{N}$



3.

Дано: $\triangle ABC$

Найти: AN



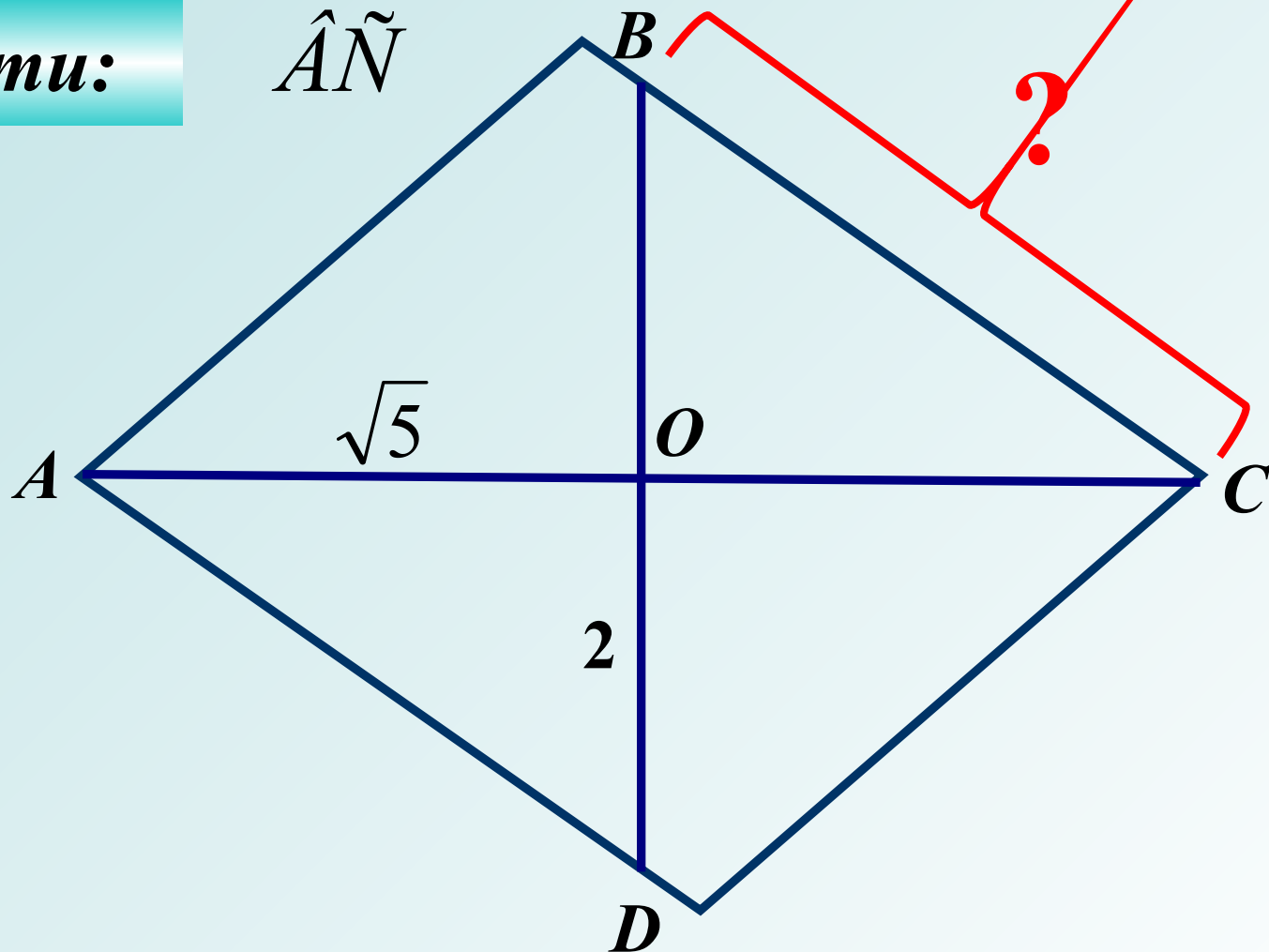
4.

Дано:

$ABCD$ – діа́гона́ль

Найти:

$\hat{A}\tilde{N}$



5.

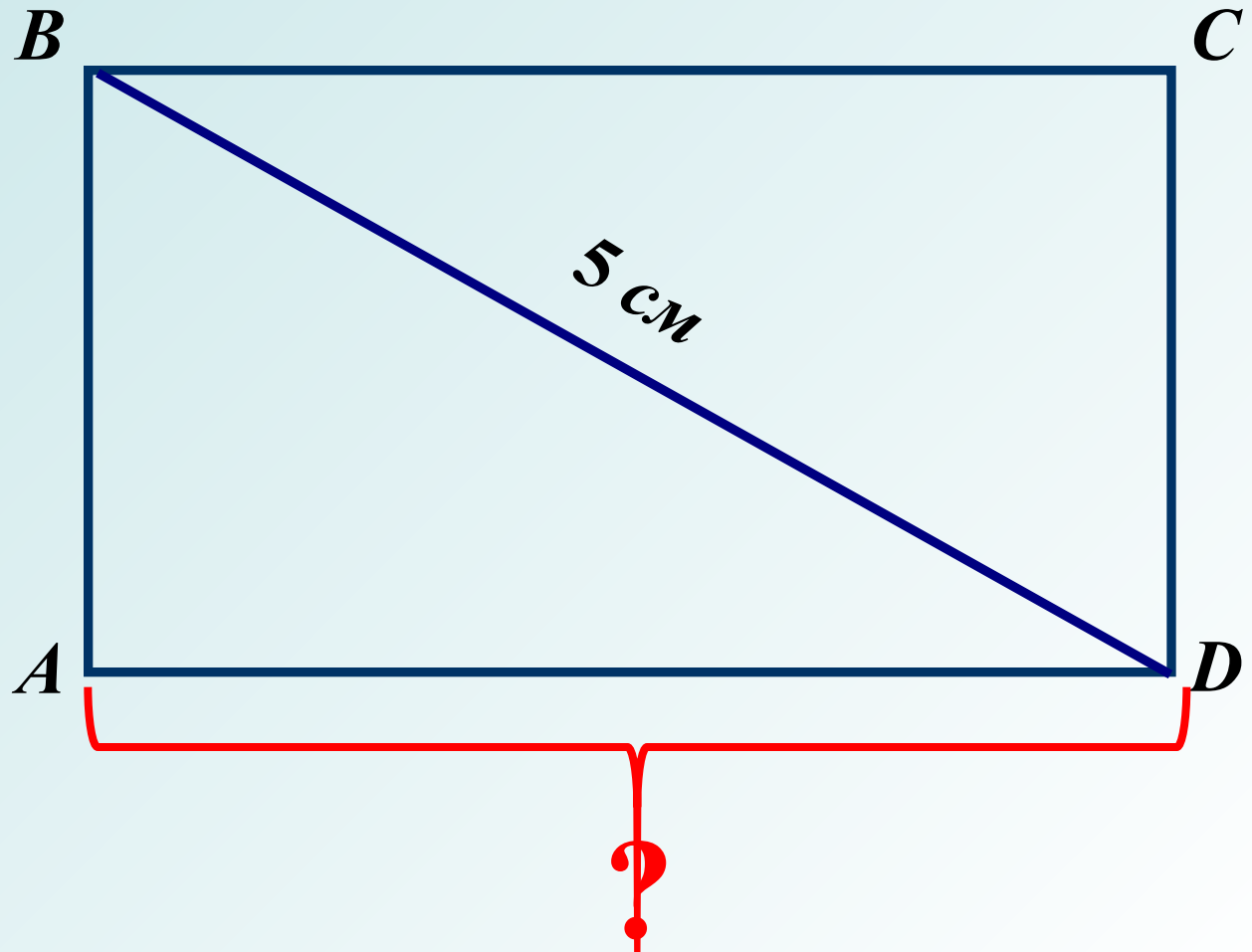
Дано:

$ABCD$ – прямоугольник

$$AB : AD = 3 : 4$$

Найти:

AD

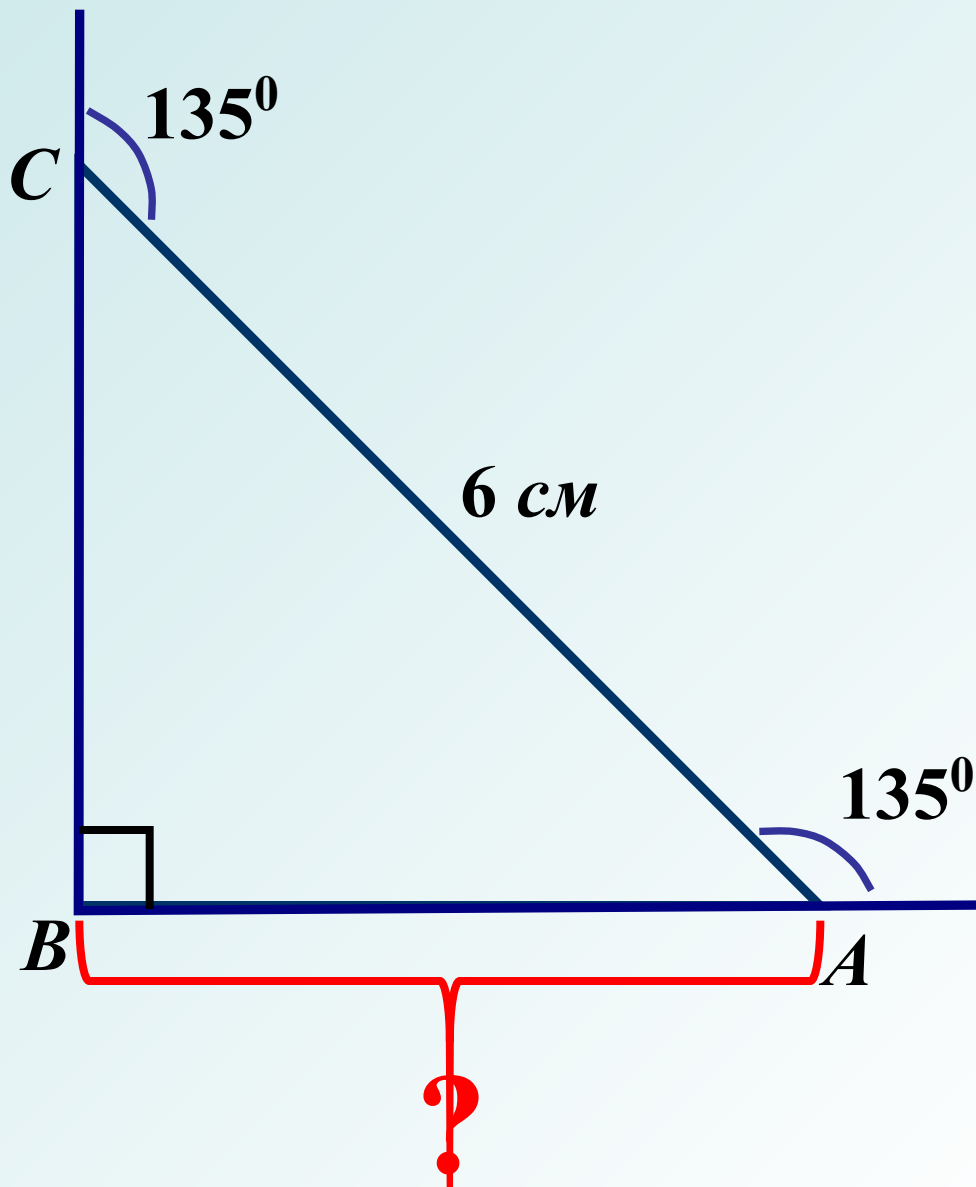


6.

Дано: $\triangle ABC$

Найти:

$\angle A$



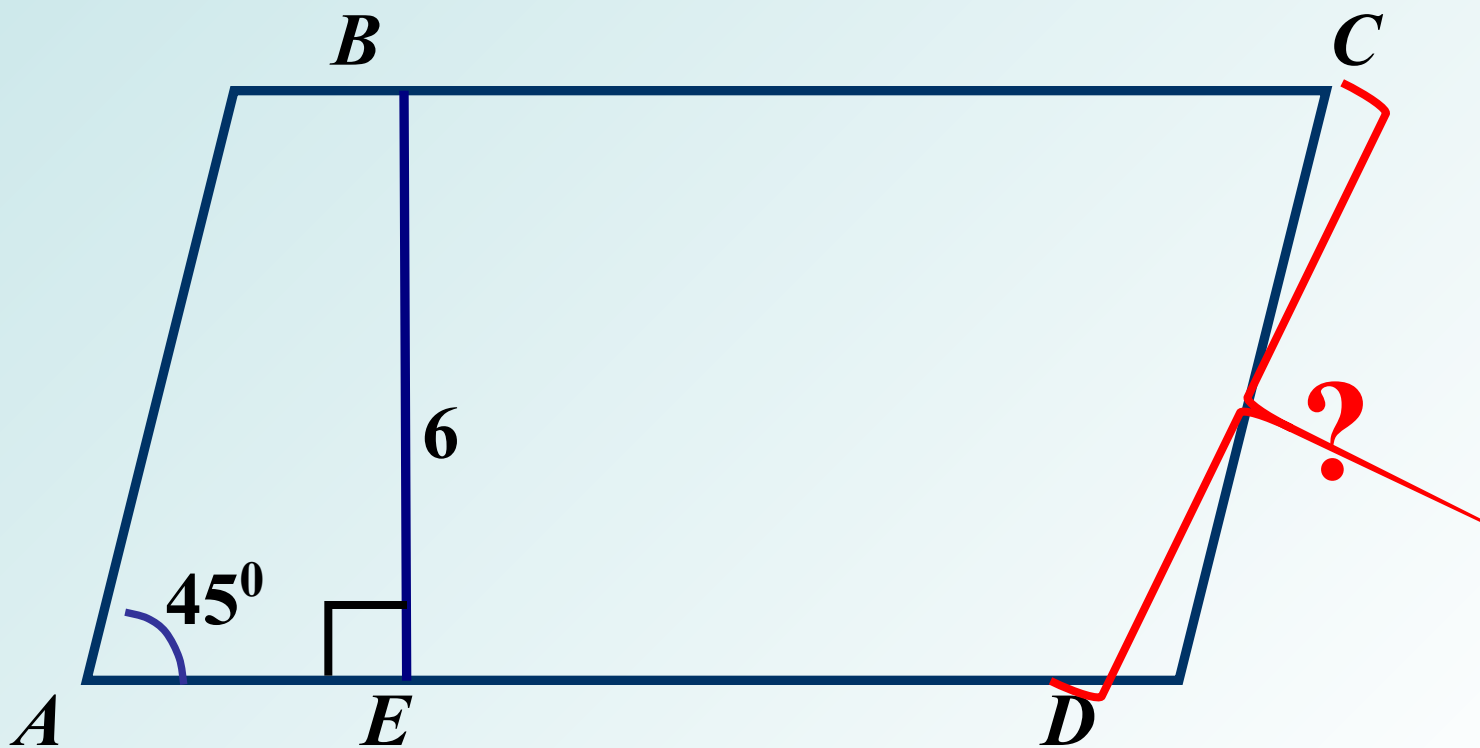
7.

Дано:

$ABCD$ – параллелограмм

Найти:

ND

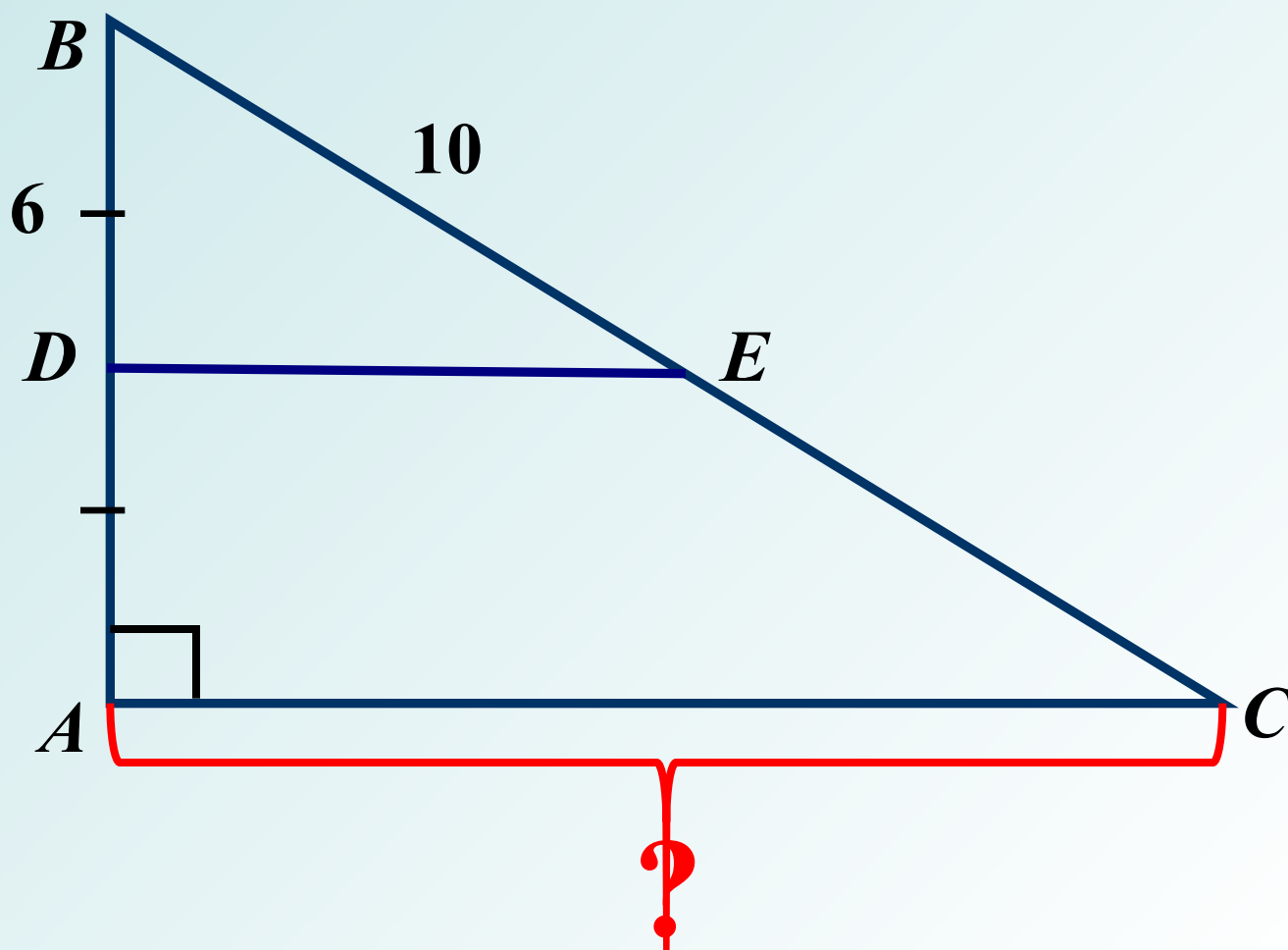


8.

Дано: $\triangle ABC$; $D \tilde{A} \tilde{I} \tilde{L} \tilde{A} \tilde{N}$

Найти:

$\tilde{A} \tilde{N}$



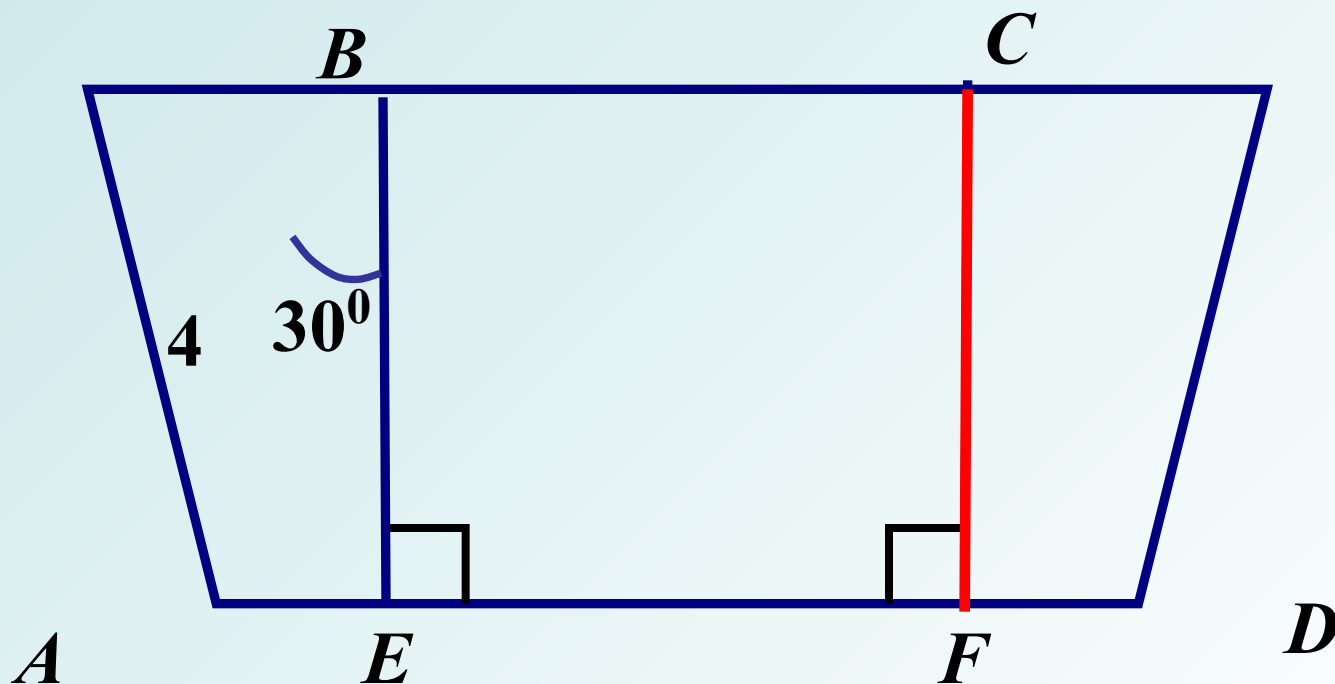
9.

Дано:

$ABCD$ – òđàïäöèÿ

Найти:

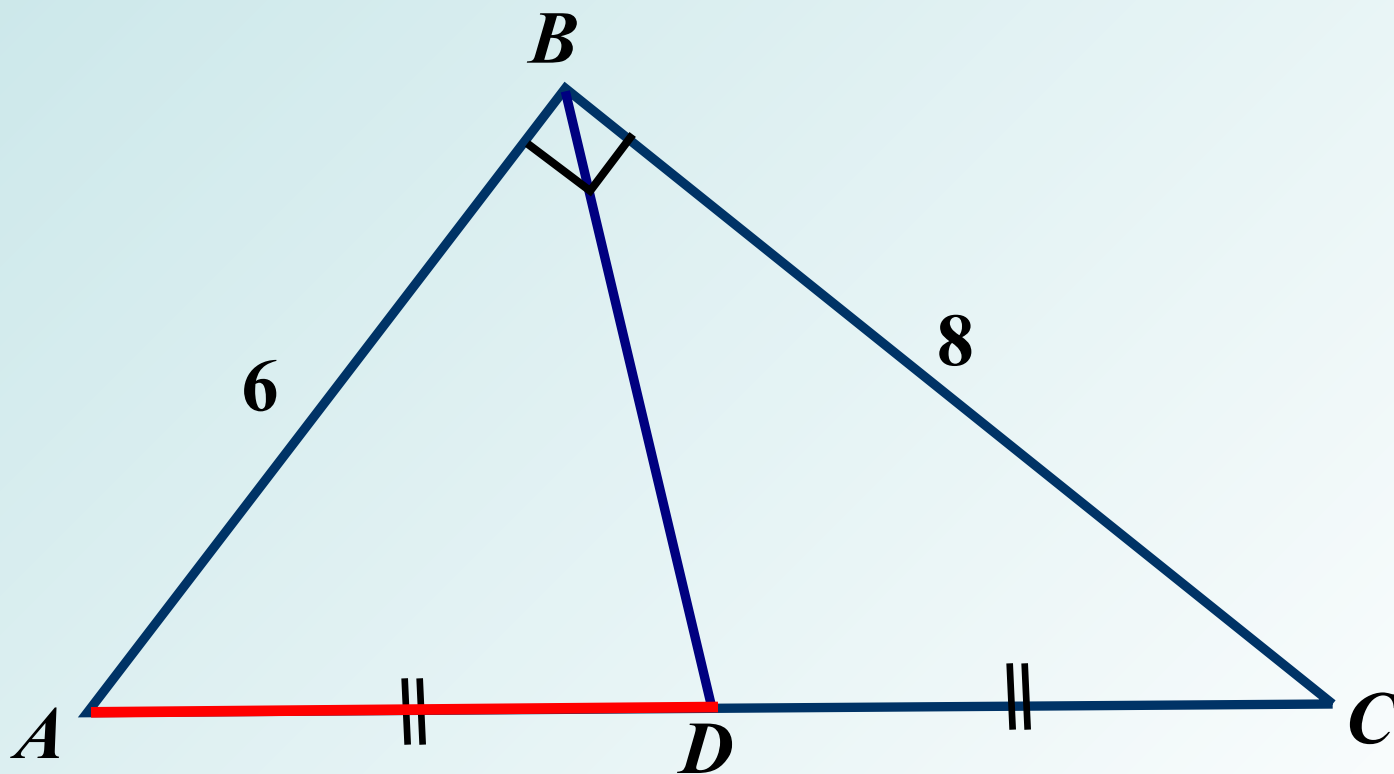
$\tilde{NF}$



10.

Дано: $\triangle ABC$

Найти: AD



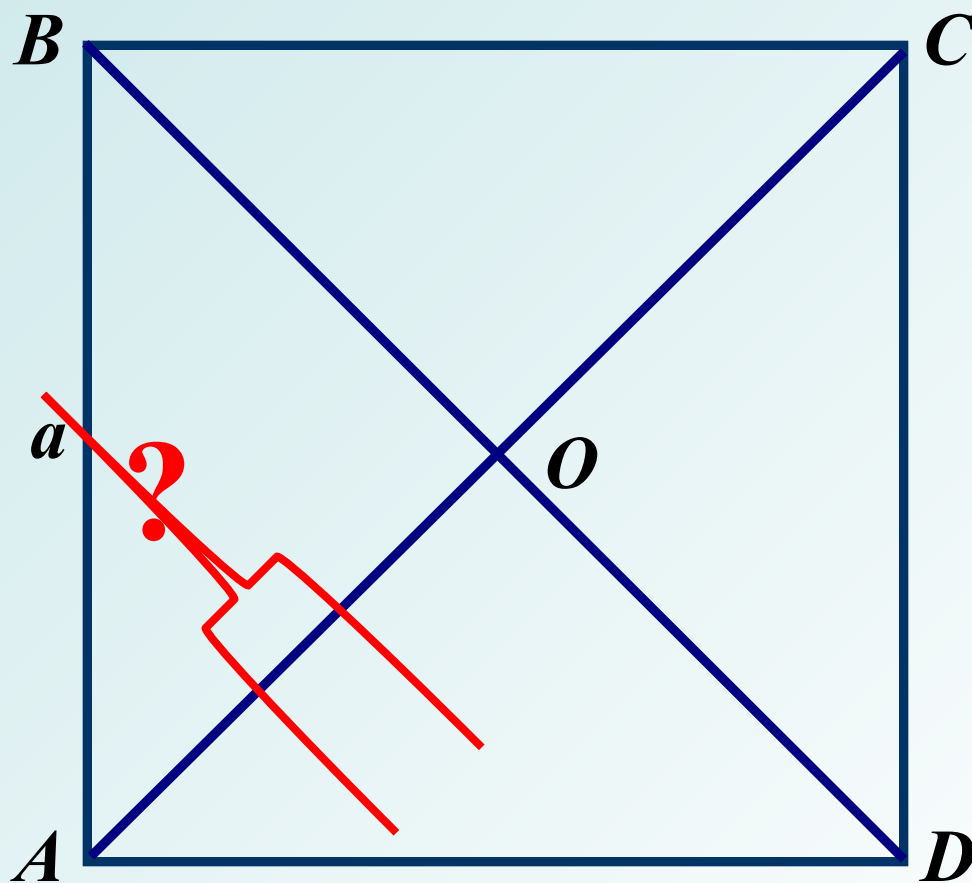
11.

Дано:

$ABCD$ – $\hat{A}\hat{I}$

Найти:

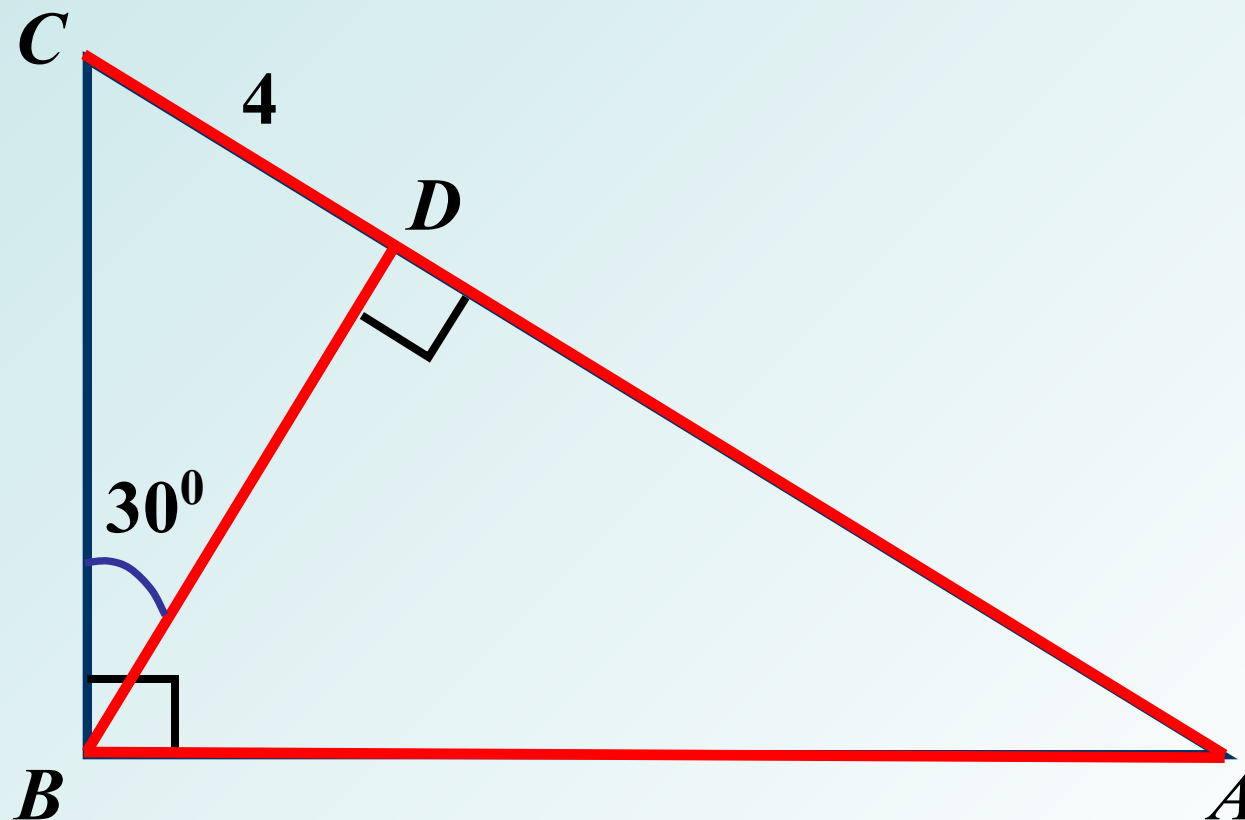
$\hat{A}\hat{I}$



12.

Дано: $\triangle ABC$

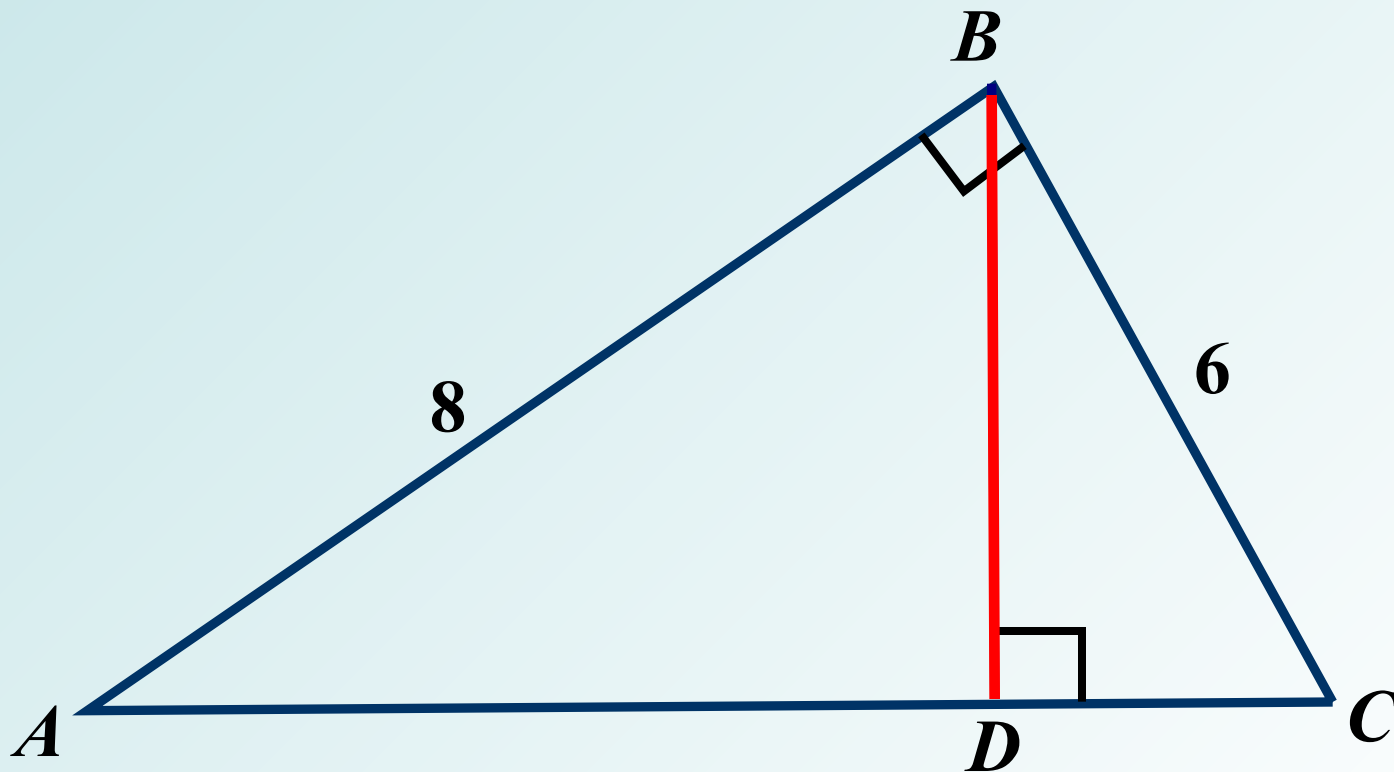
Найти: BD , AC , AB



13.

Дано: $\triangle ABC$

Найти: BD



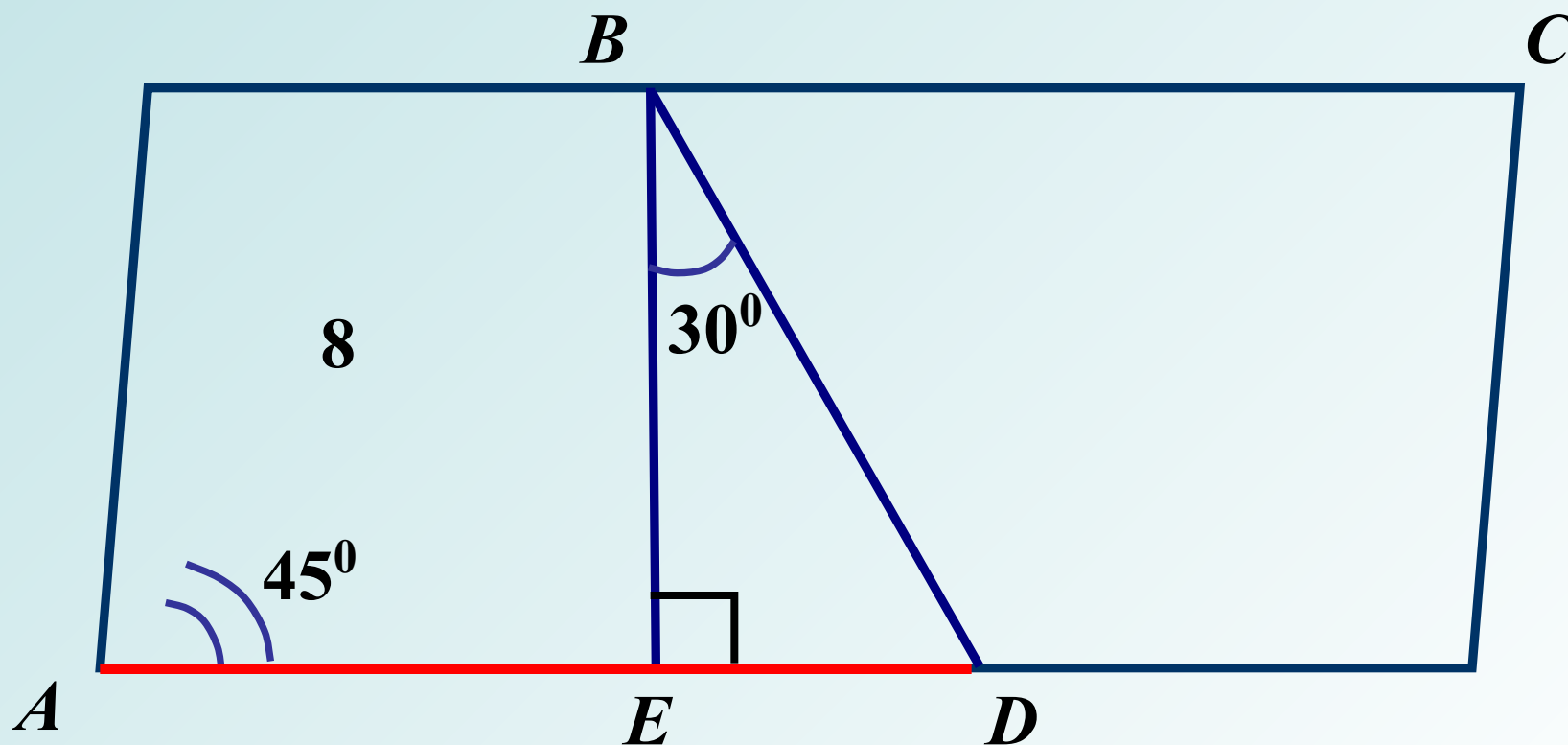
14.

Дано:

$ABCD$ – параллелограм

Найти:

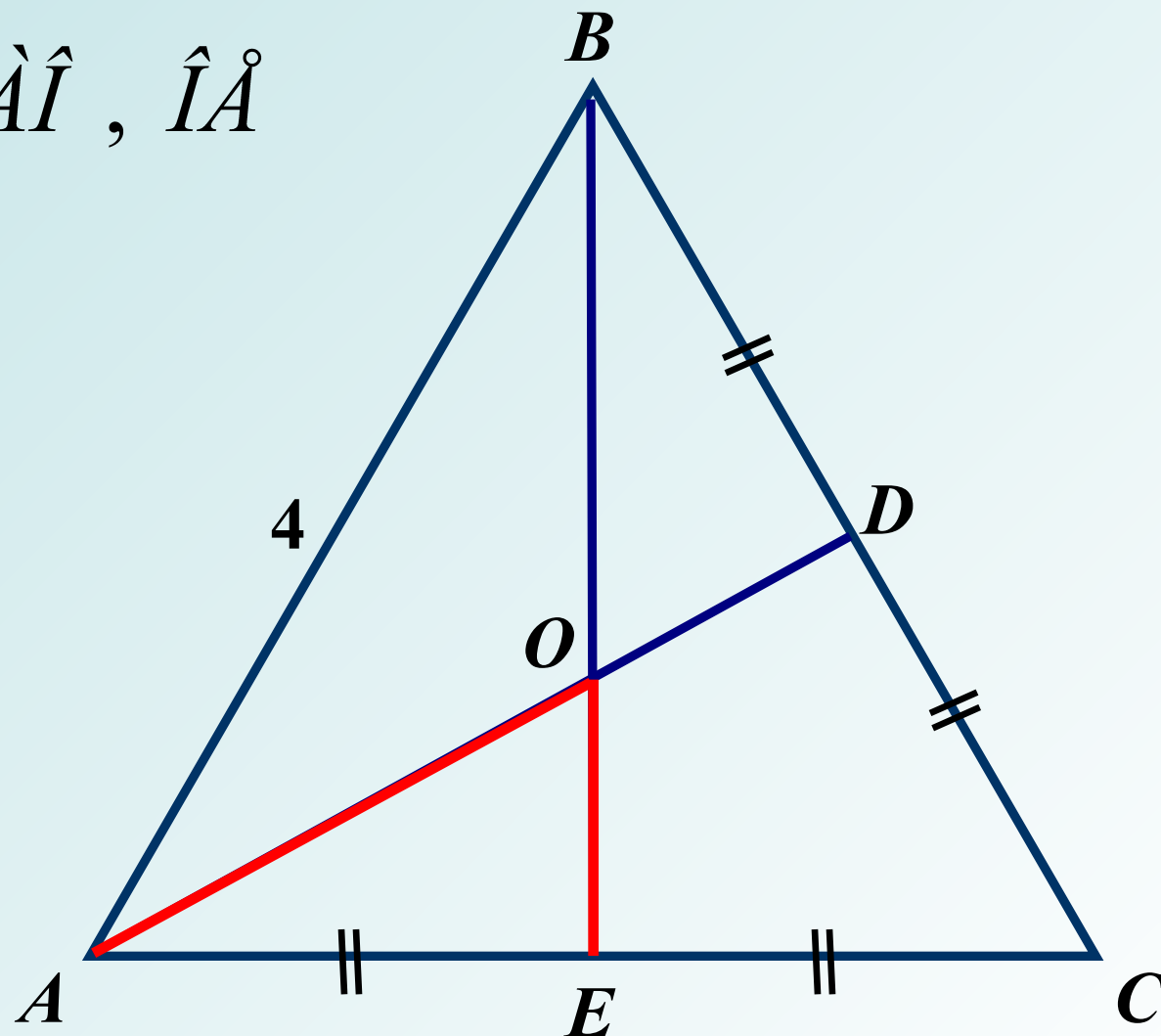
AD



15.

Дано: $\triangle ABC$ – $\delta\grave{a}\acute{a}\acute{i}\acute{i}\tilde{n}\grave{o}\acute{i}\delta\acute{i}$ $\acute{i}\acute{i}\grave{e}\acute{e}$

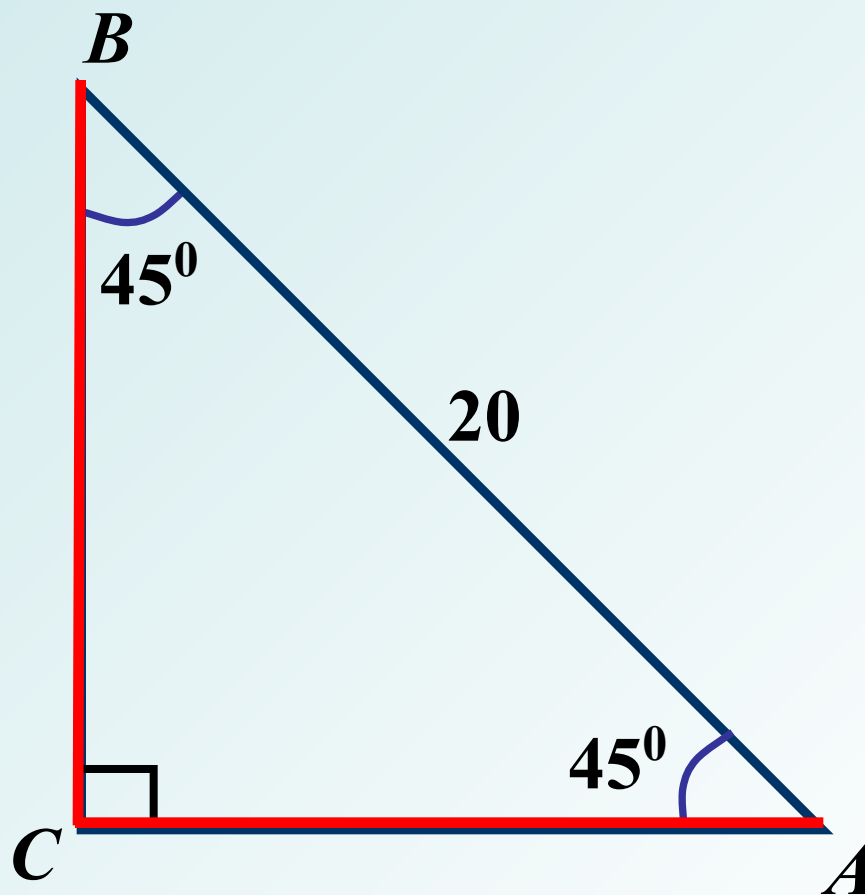
Найти: $\hat{A}\hat{I}$, $\hat{I}\hat{A}$



16.

Дано: $\triangle ABC$

Найти: $\tilde{N}\hat{A}$, $\tilde{N}\hat{A}$



17.

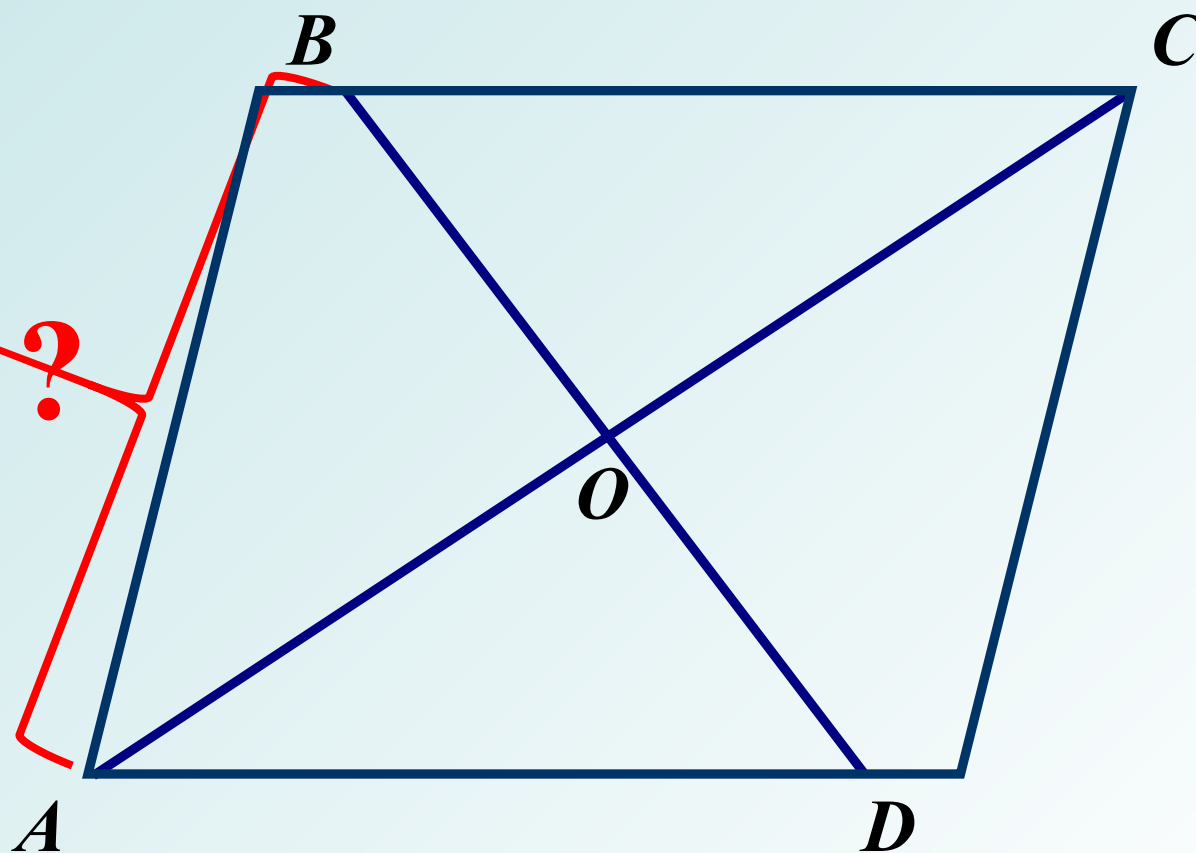
Дано:

$ABCD$ – ромб

$$AC = 48 \text{ см}, BD = 14 \text{ см}$$

Найти:

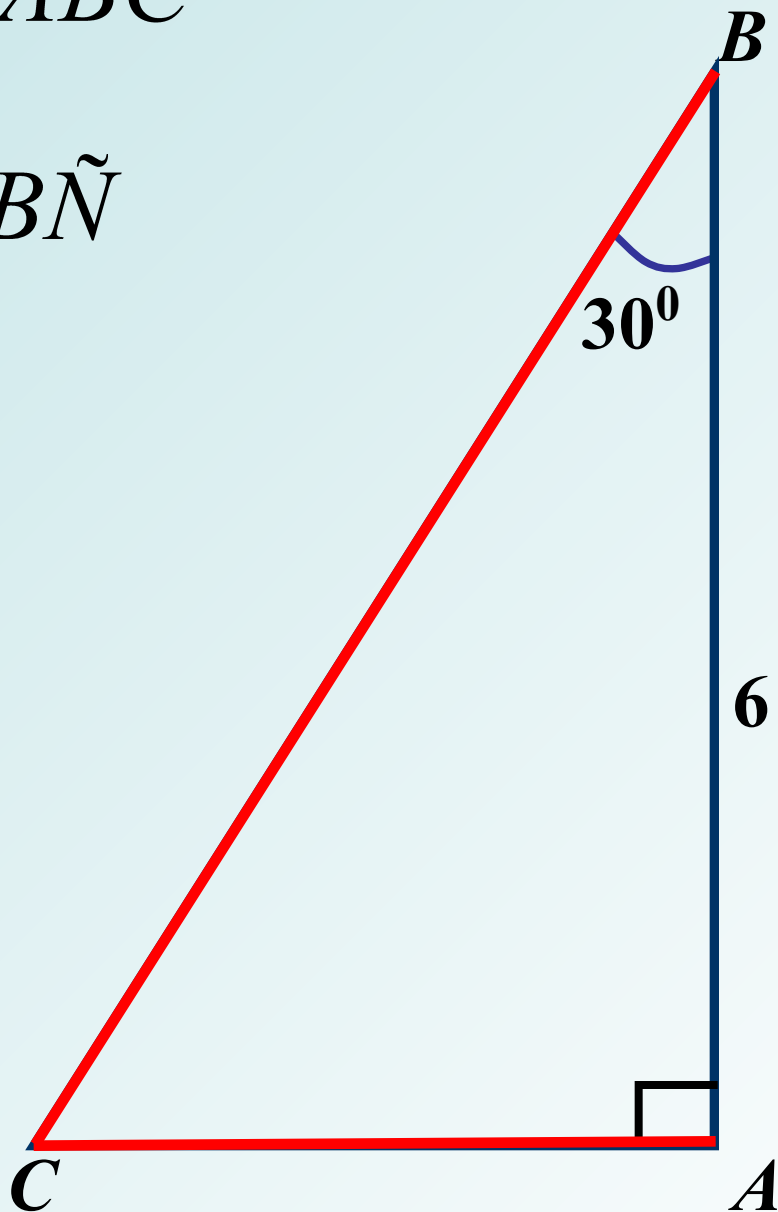
$\angle A$



18.

Дано: $\triangle ABC$

Найти: $\angle N$, $\angle B$



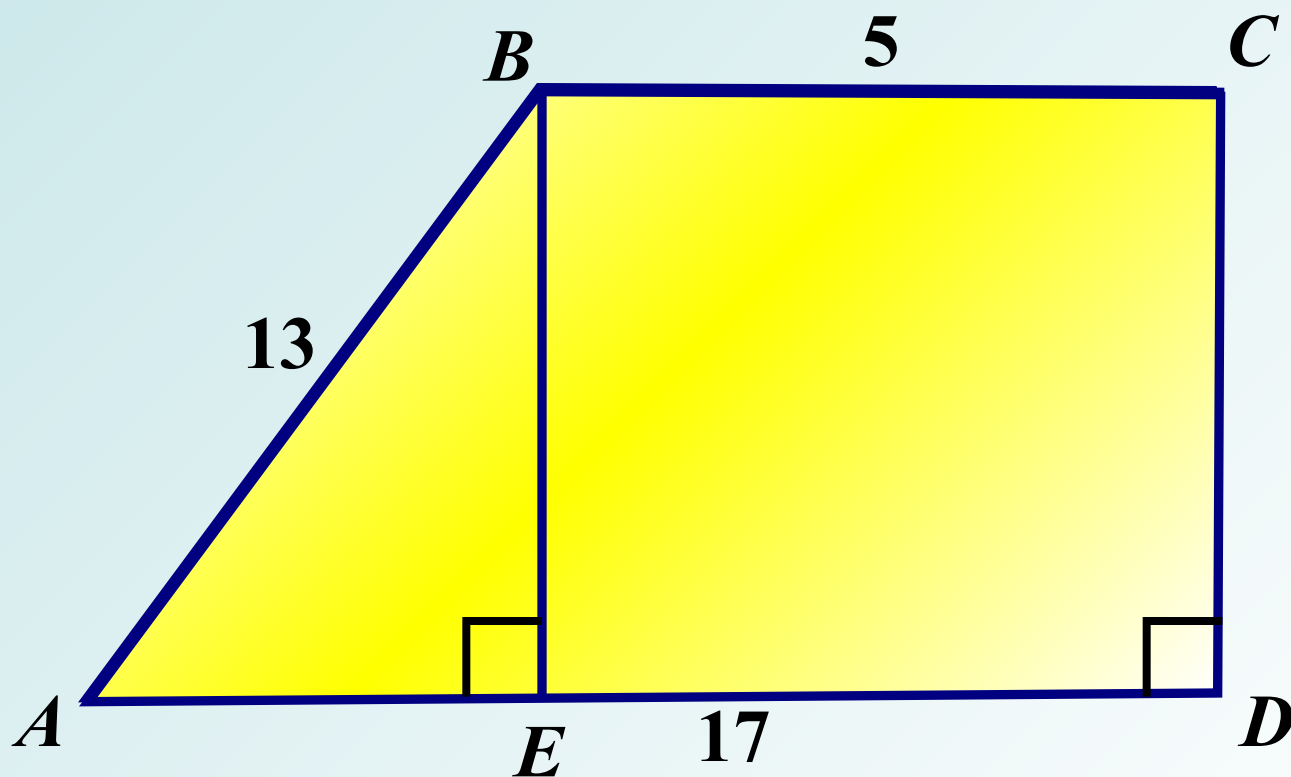
19.

Дано:

$ABCD$ – òđàïäöèÿ

Найти:

$S_{AB\tilde{N}D}$



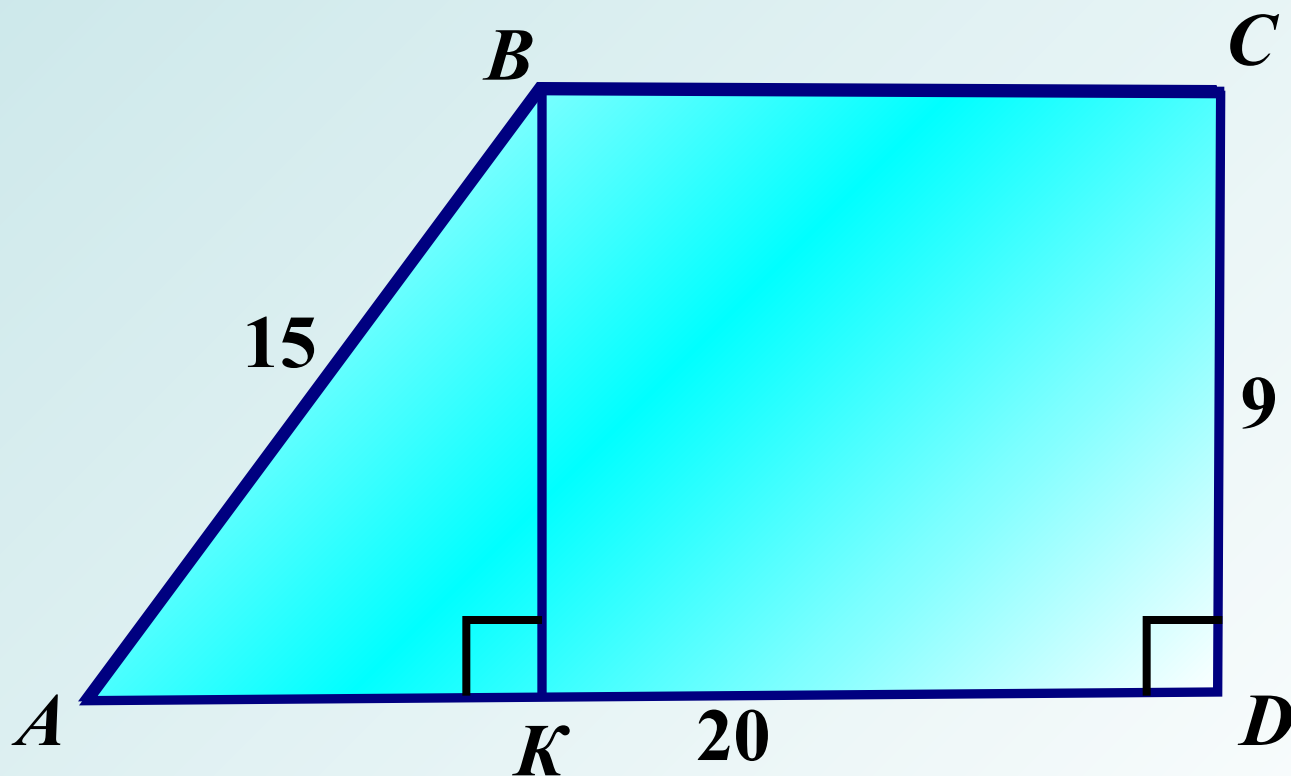
Доп.

20.

Дано:

$ABCD$ – òđàïäöèÿ

Найти: $S_{AB\tilde{N}D}$

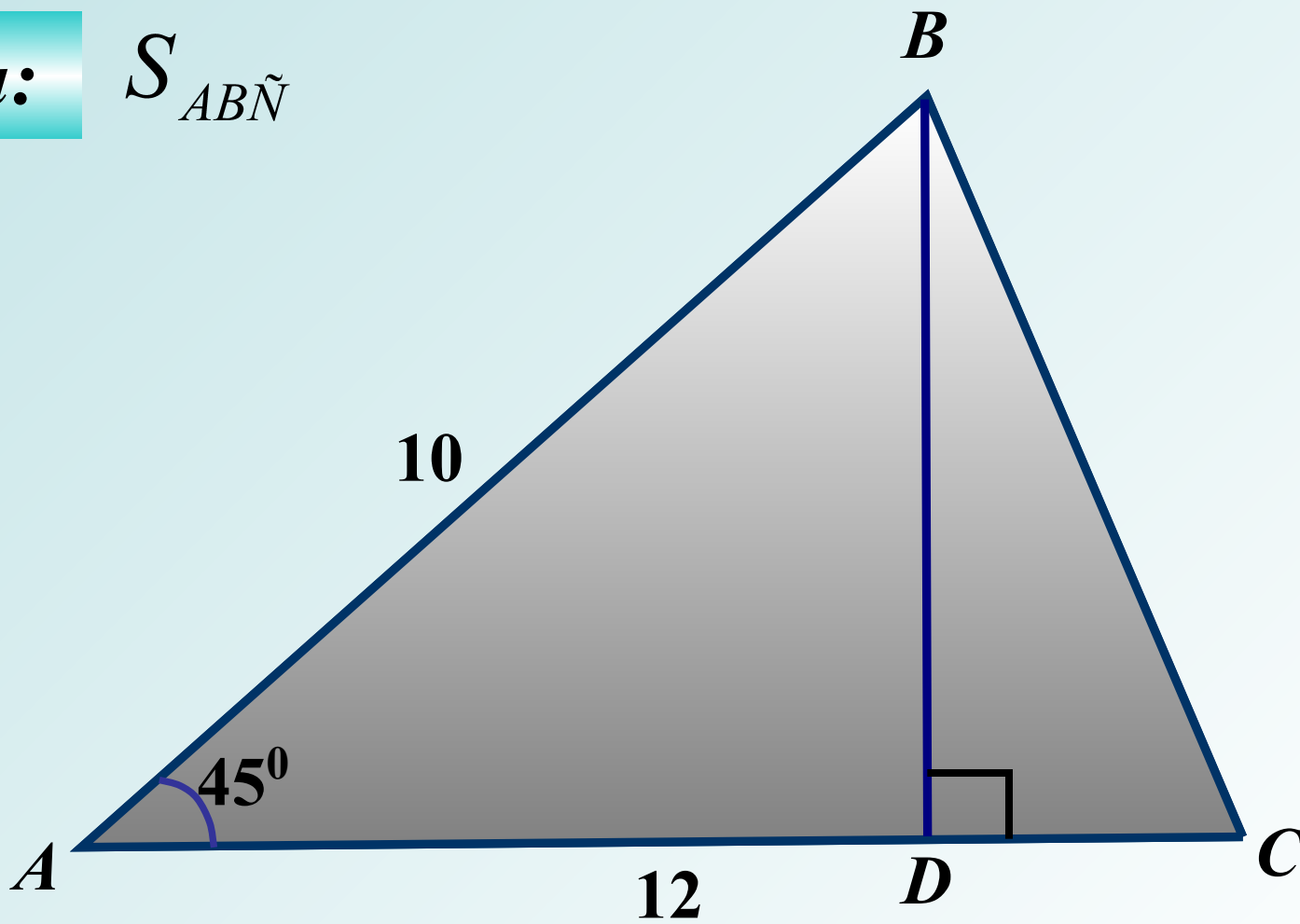


Доп.

21.

Дано: ABC – $\triangle$ $\hat{A} = 45^\circ$ $\hat{C} = 30^\circ$ $AB = 10$ $AD = 12$

Найти: S_{ABN}



Доп.

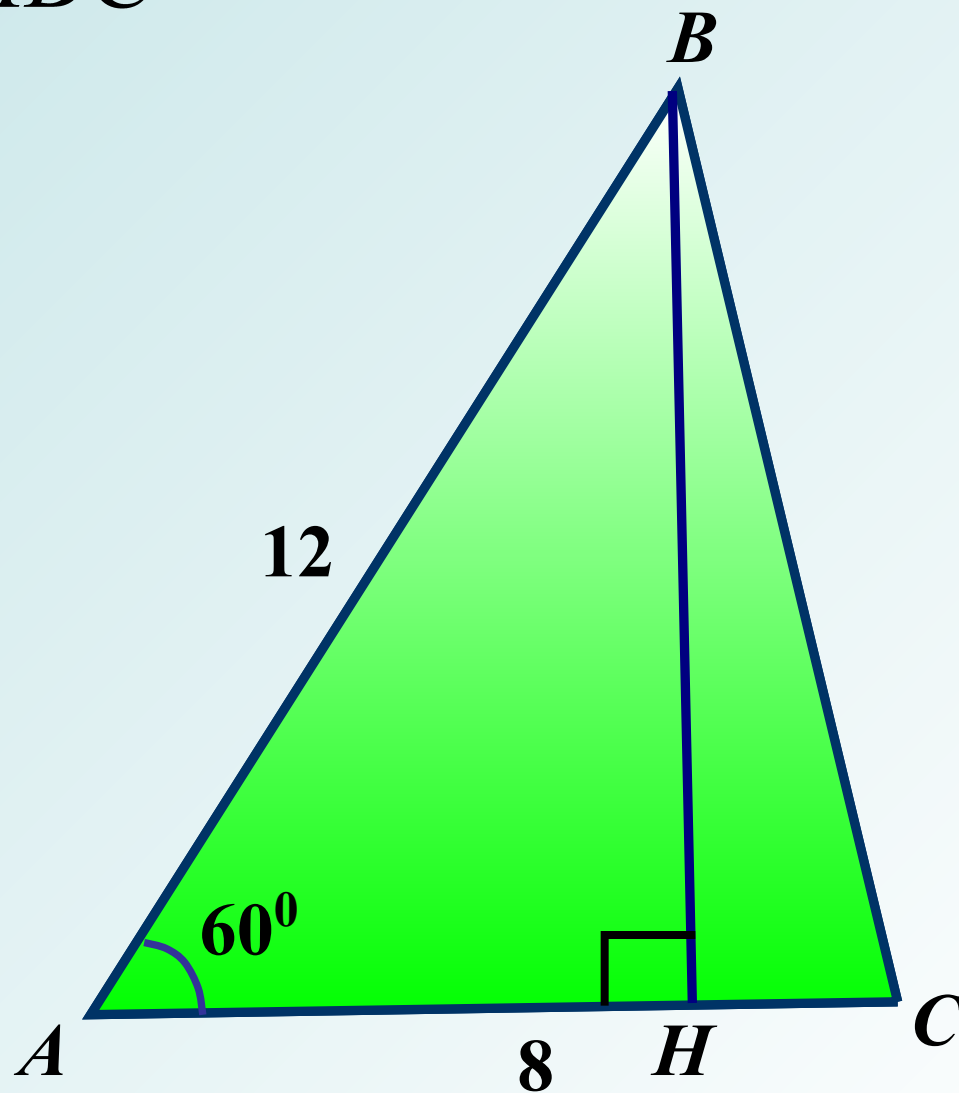
22.

Дано:

$\triangle ABC$

Найти:

$S_{AB\tilde{N}}$

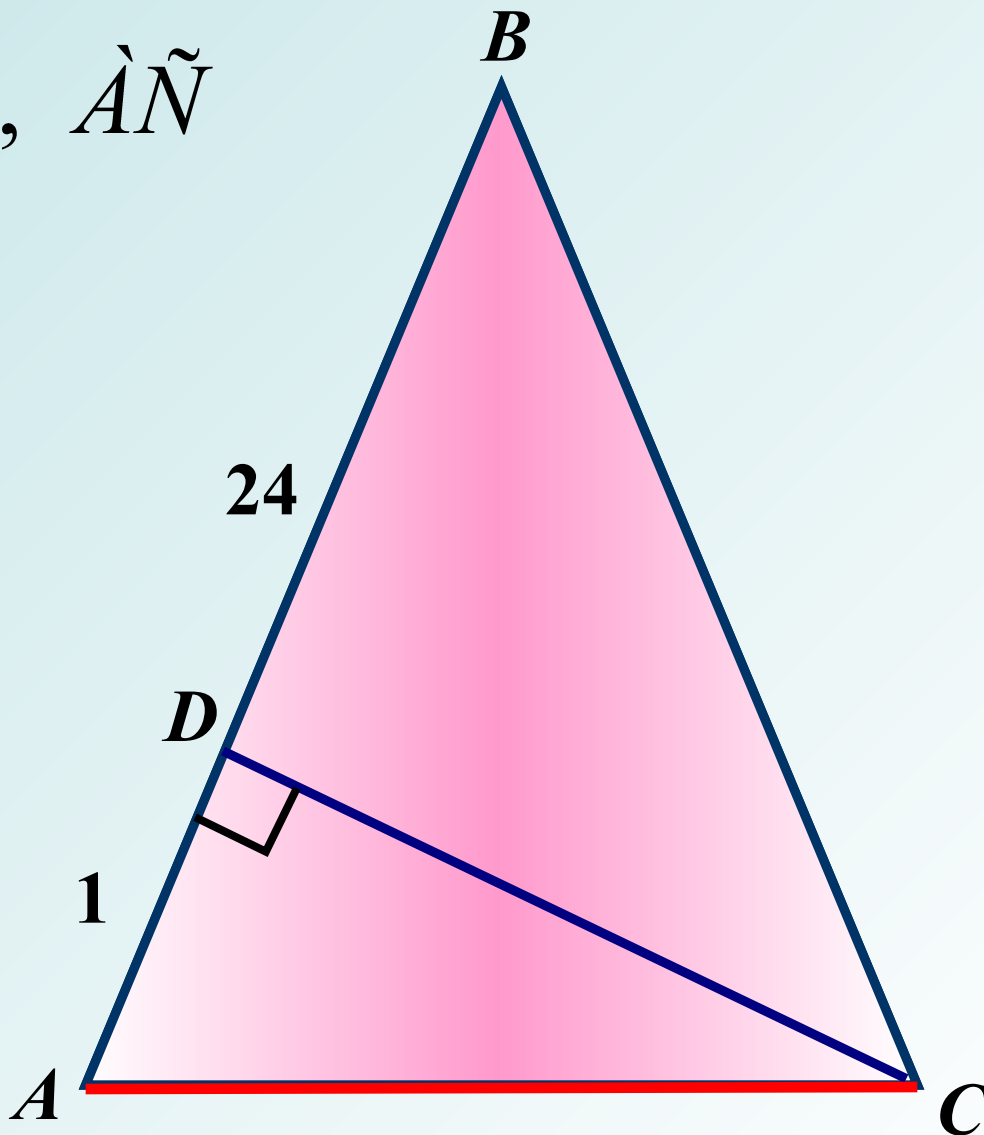


Доп.

23.

Дано: $\triangle ABC$, $\angle A = \angle N$

Найти: S_{ABN} , $\angle N$



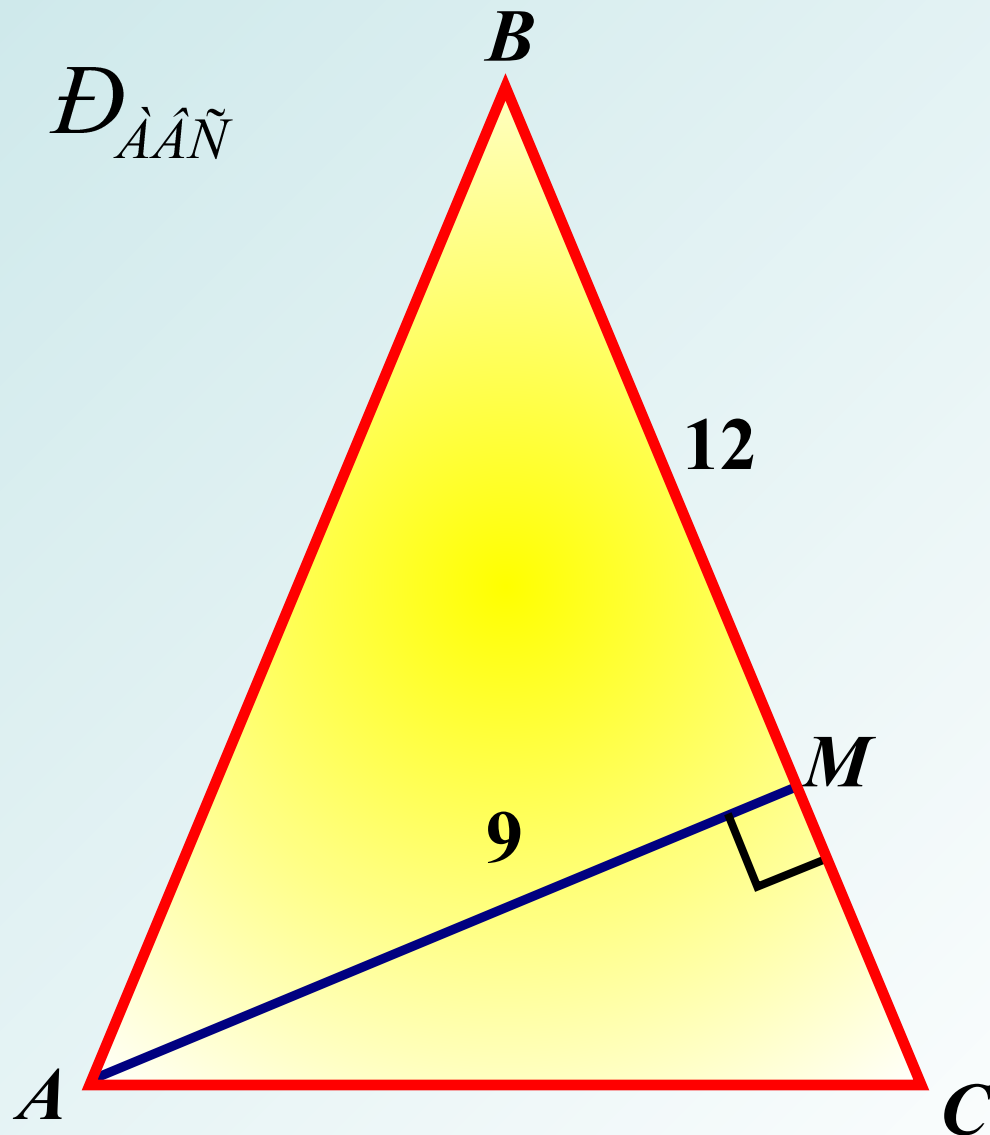
24.

Дано:

$\triangle ABC$, $\angle A = \angle N$, $\angle I = 12$

Найти:

S_{ABN} , $\angle ANI$



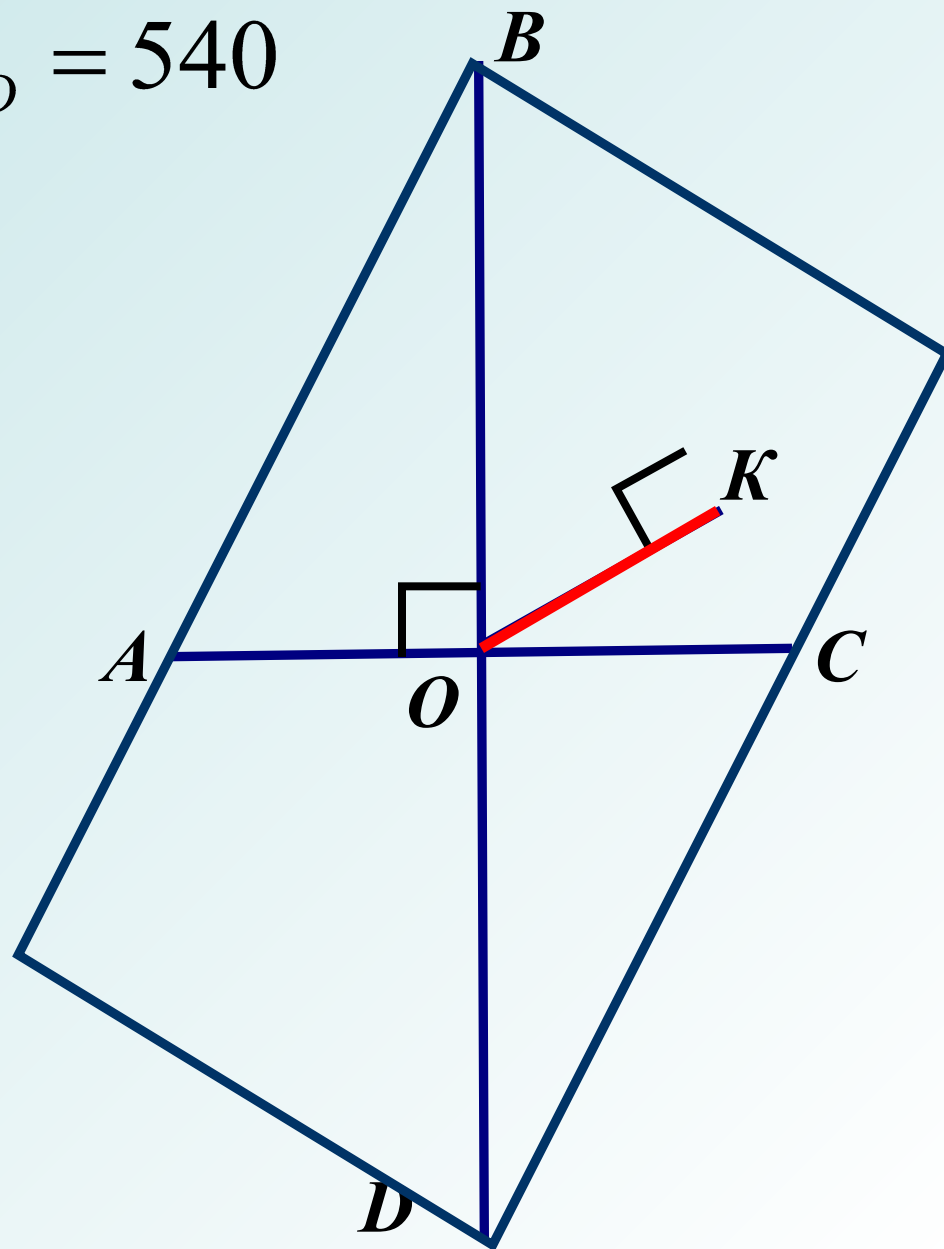
25.

Дано:

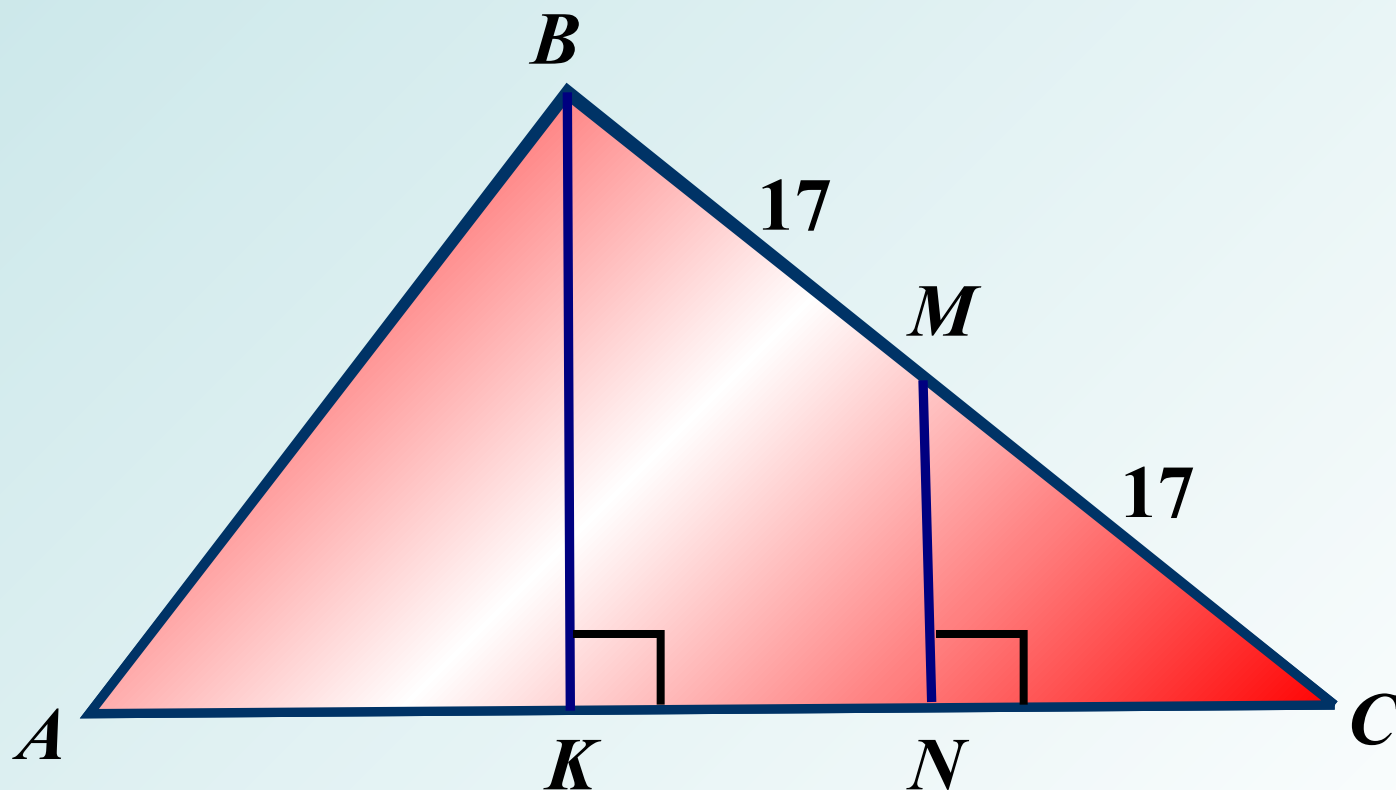
$ABCD$ – ромб, $\angle N = 45^\circ$
 $S_{ABCD} = 540$

Найти:

$\angle E$



26.

Дано: $\triangle ABC$, $\hat{A}M = M\tilde{N}$, $AN = 25$, $CN = 15$ **Найти:** $S_{AB\tilde{N}}$ **Доп.**

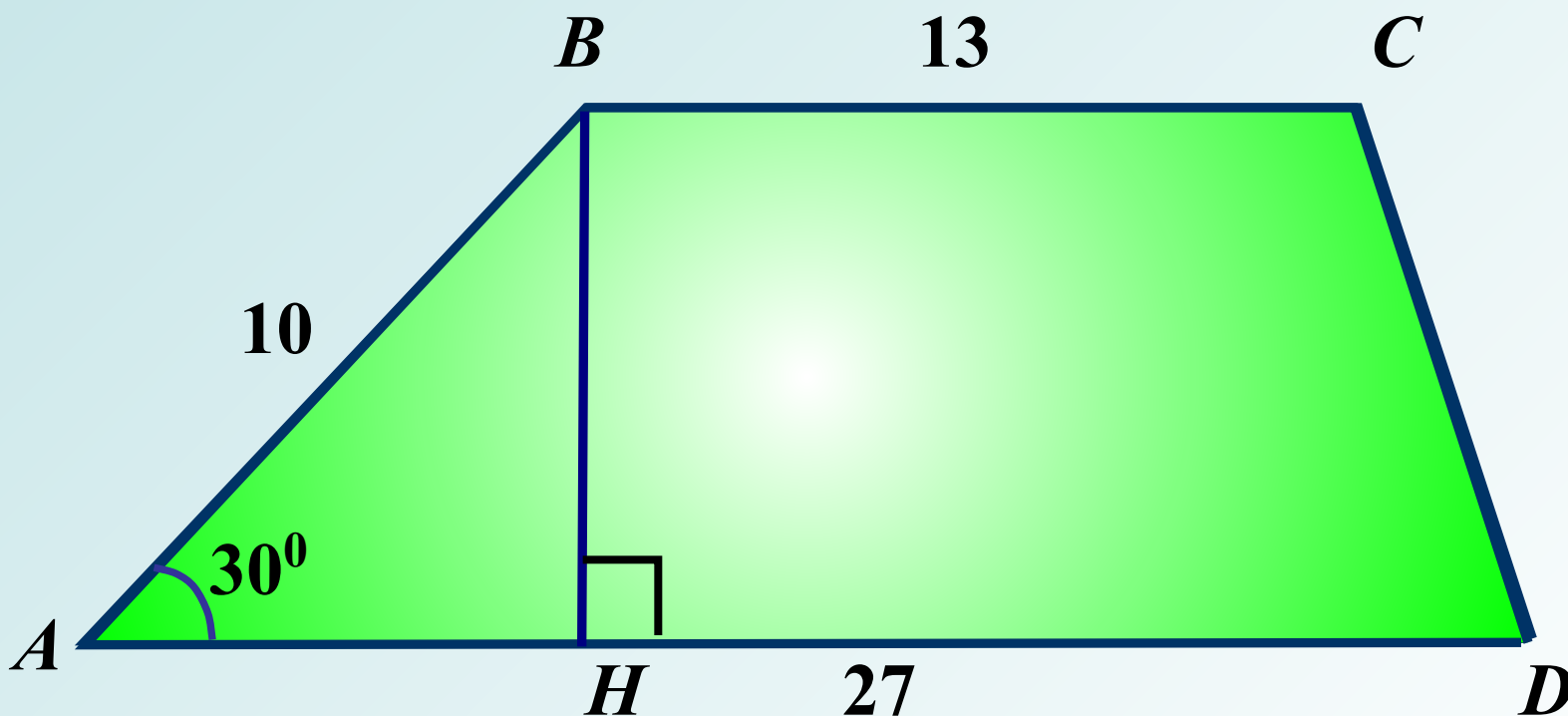
27.

Дано:

$ABCD$ – трапеція

Найти:

S_{ABCD}

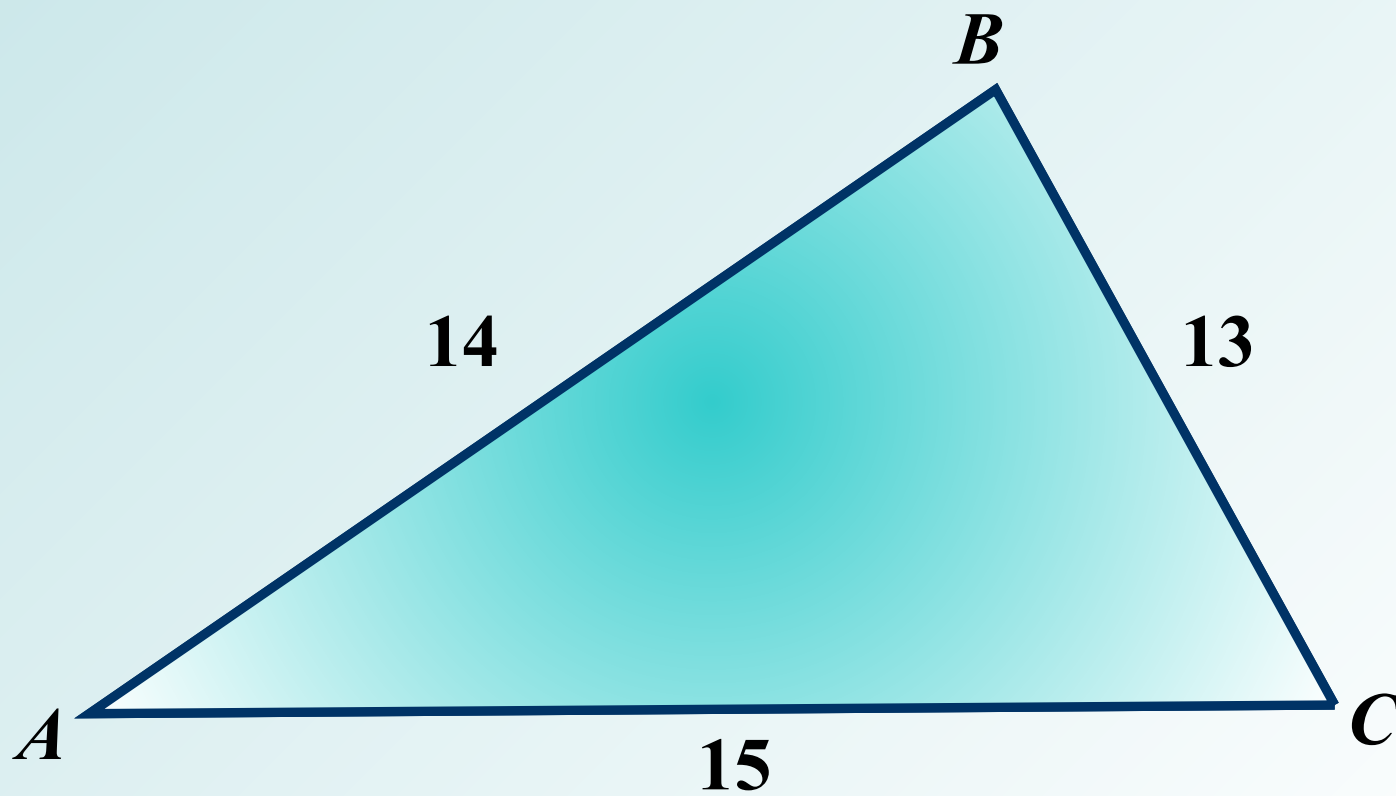


Доп.

28.

Дано: $\triangle ABC$

Найти: $S_{AB\tilde{N}}$



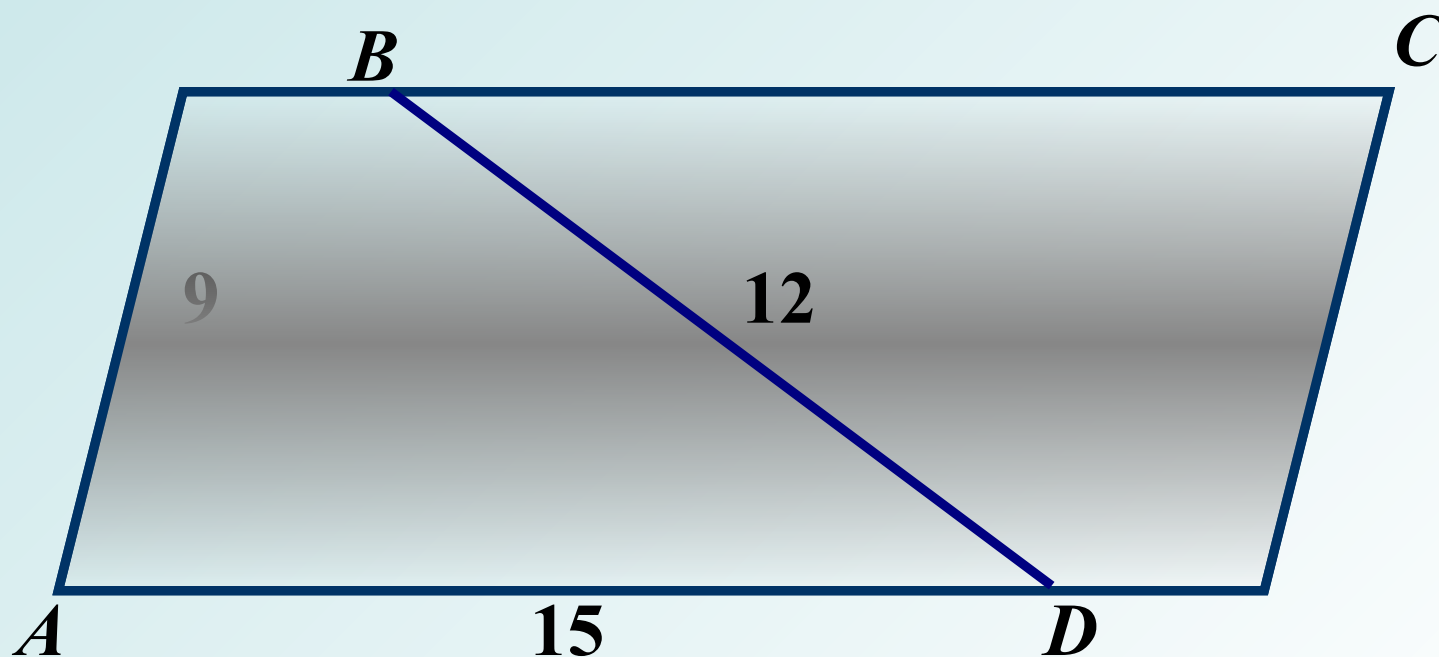
29.

Дано:

$ABCD$ – параллелограм

Найти:

S_{ABND}



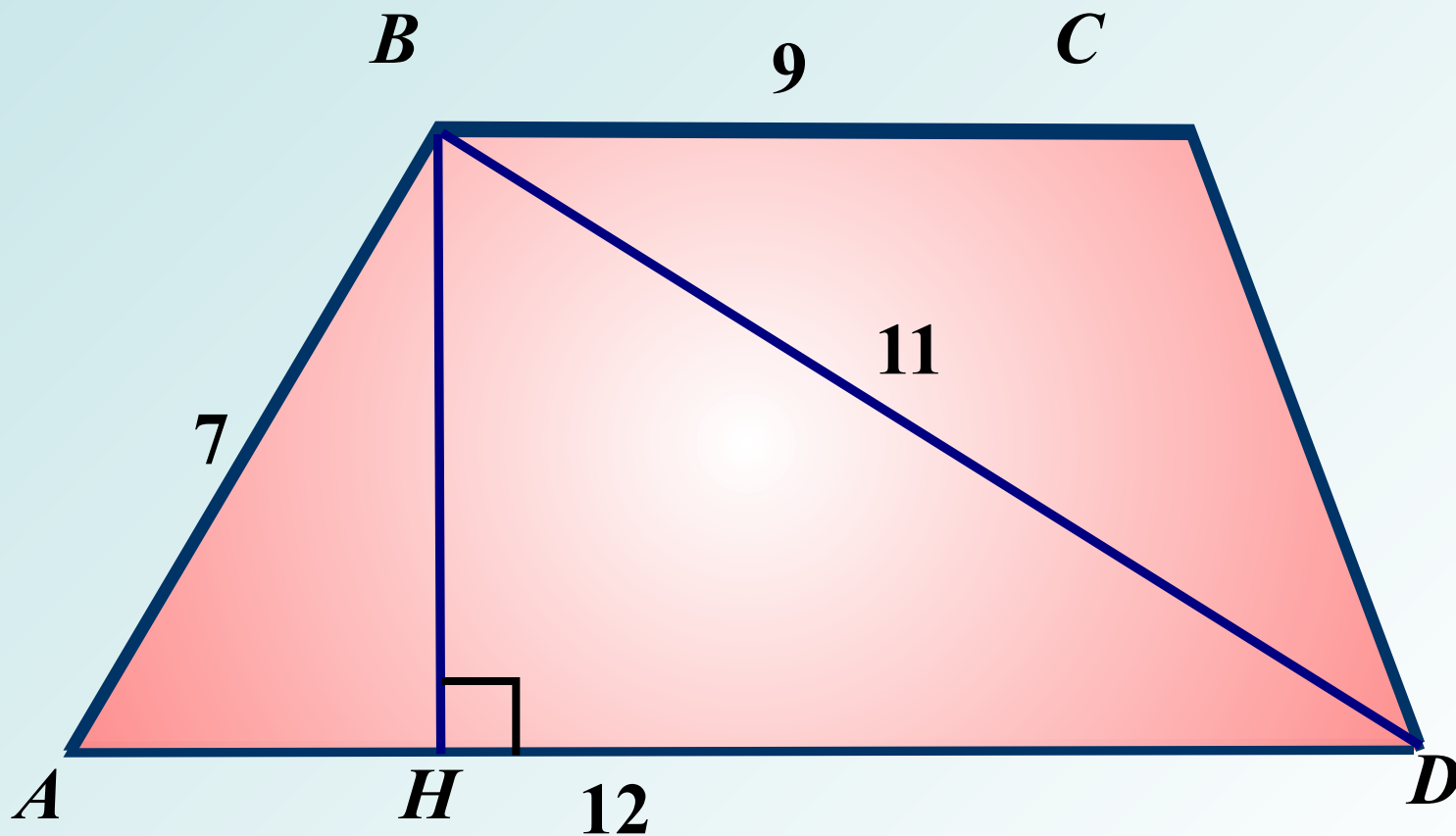
30.

Дано:

$ABCD$ – òđàïàöèÿ

Найти:

$S_{AB\tilde{N}D}$



Доп.