

*Решение задач
на готовых чертежах.*

Площади фигур.

Геометрия.

8 класс.

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МОУ СОШ №256 г.Фокино*



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1.

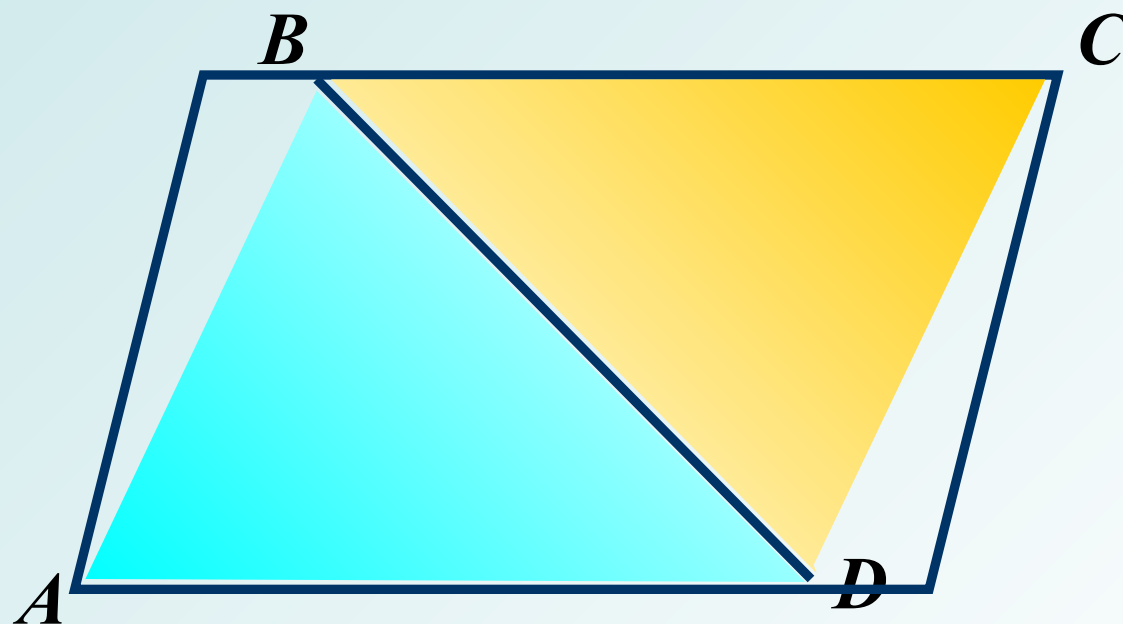
Дано:

$ABCD$ – параллелограмм

$$S_{ABCD} = 12$$

Найти:

$$S_{ABD}, S_{BCD}$$



2.

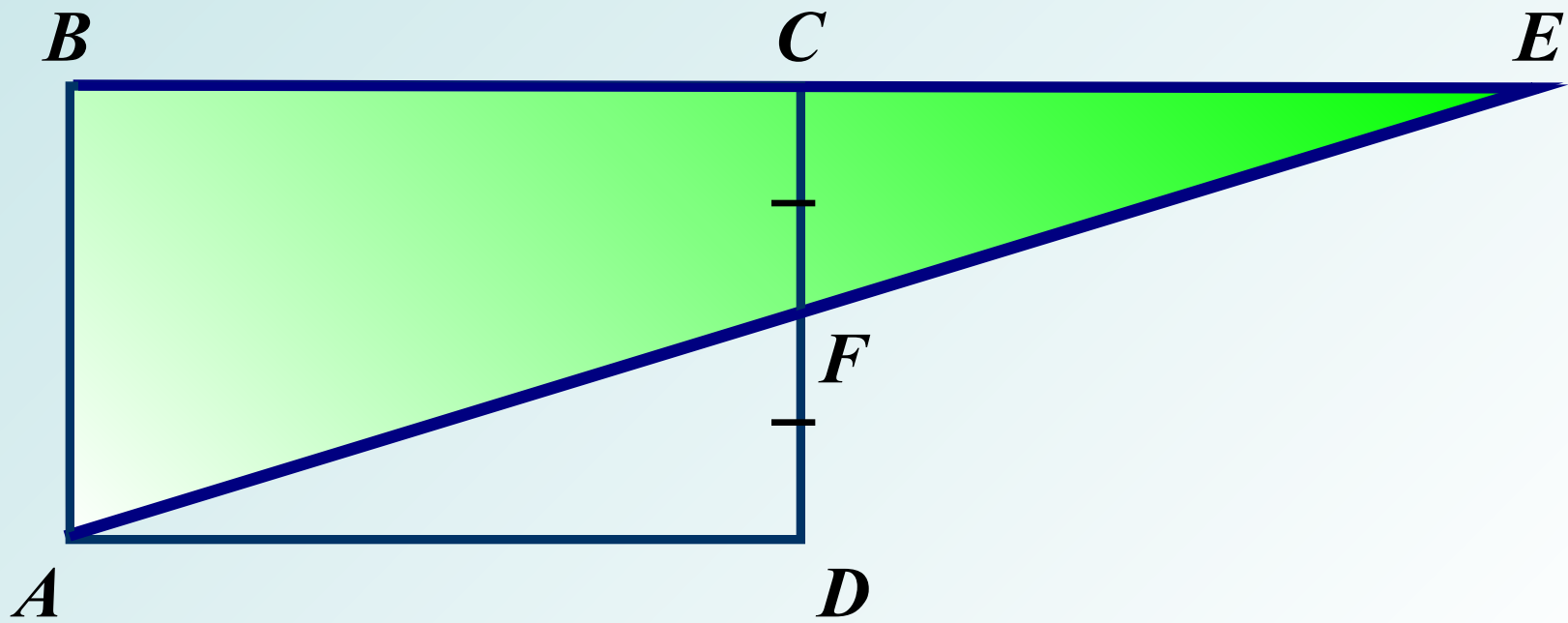
Дано:

$ABCD$ – трапеция

$$S_{ABCD} = 13$$

Найти:

$$S_{ABE}$$



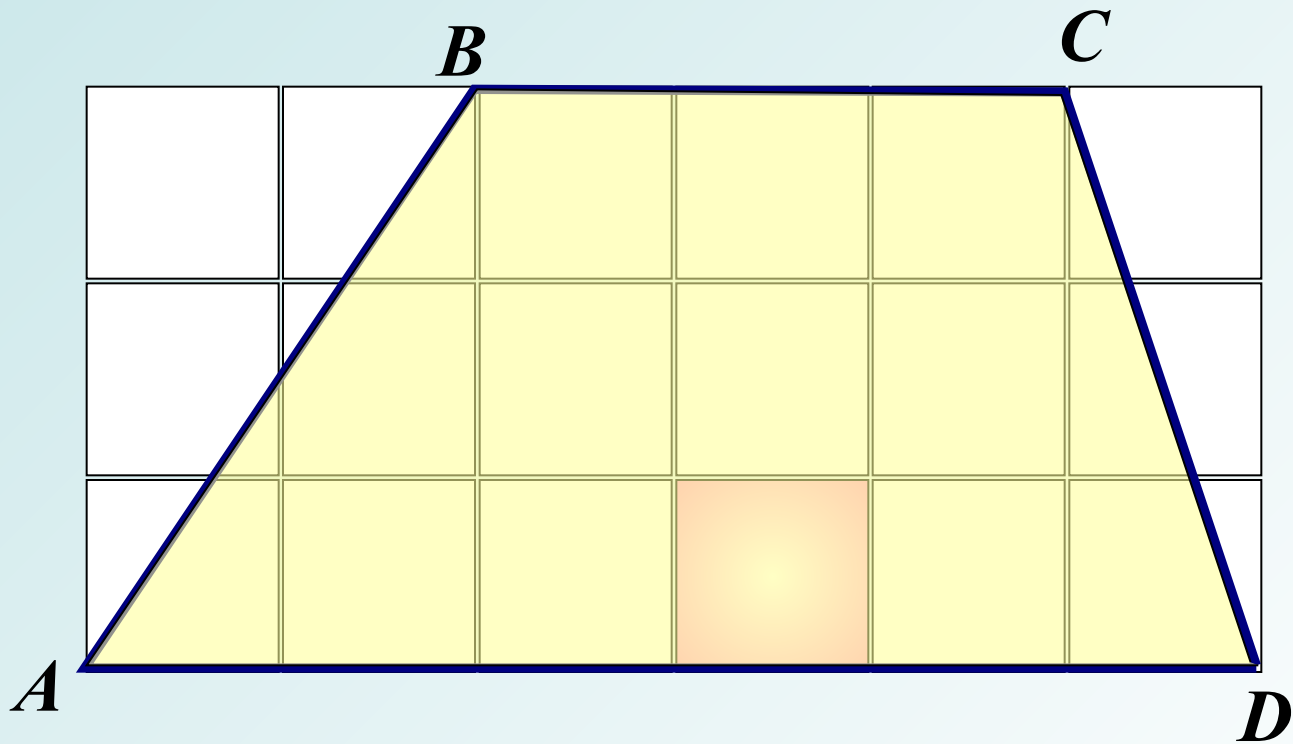
3.

Дано:

$$S_{\text{трапеции}} = 1$$

Найти:

$$S_{ABND}$$

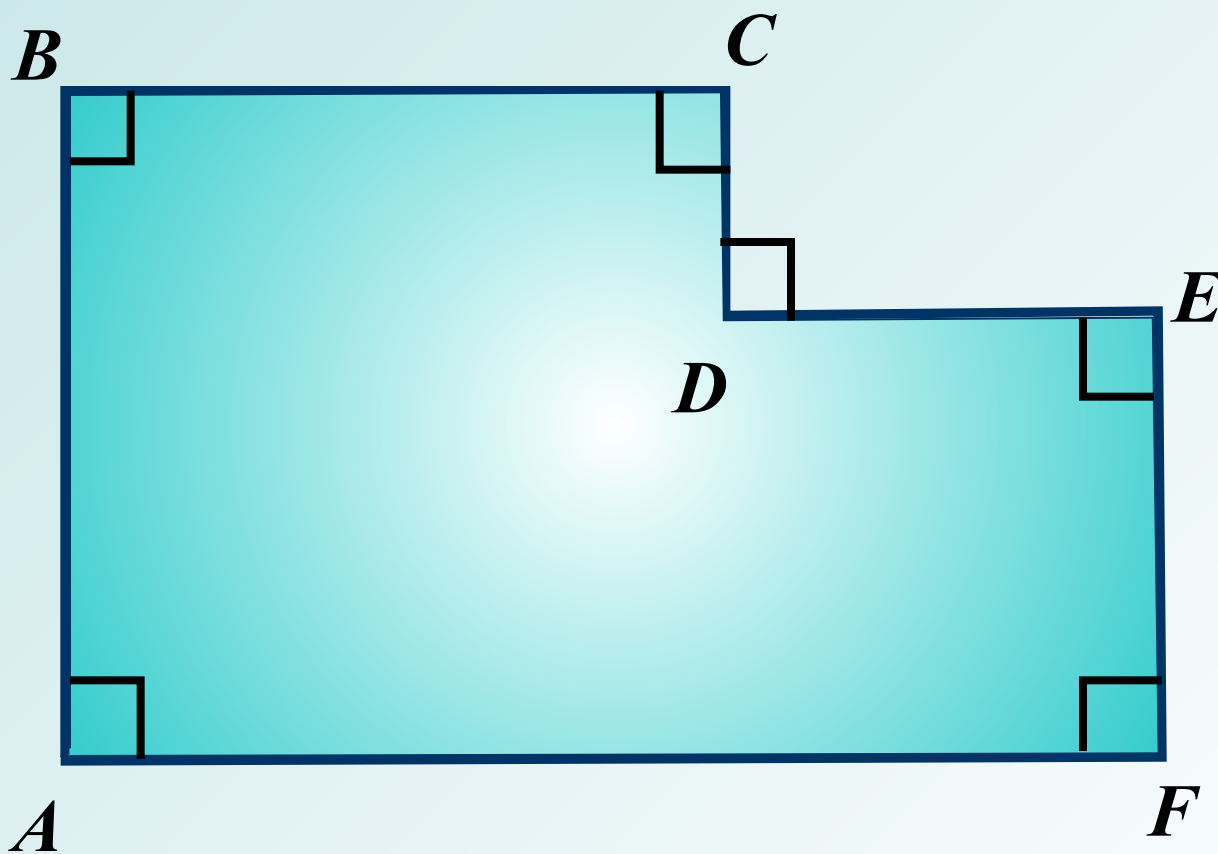


4.

Дано: $AB = BC = 3$; $AF = 2$; $EF = 2$

Найти:

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



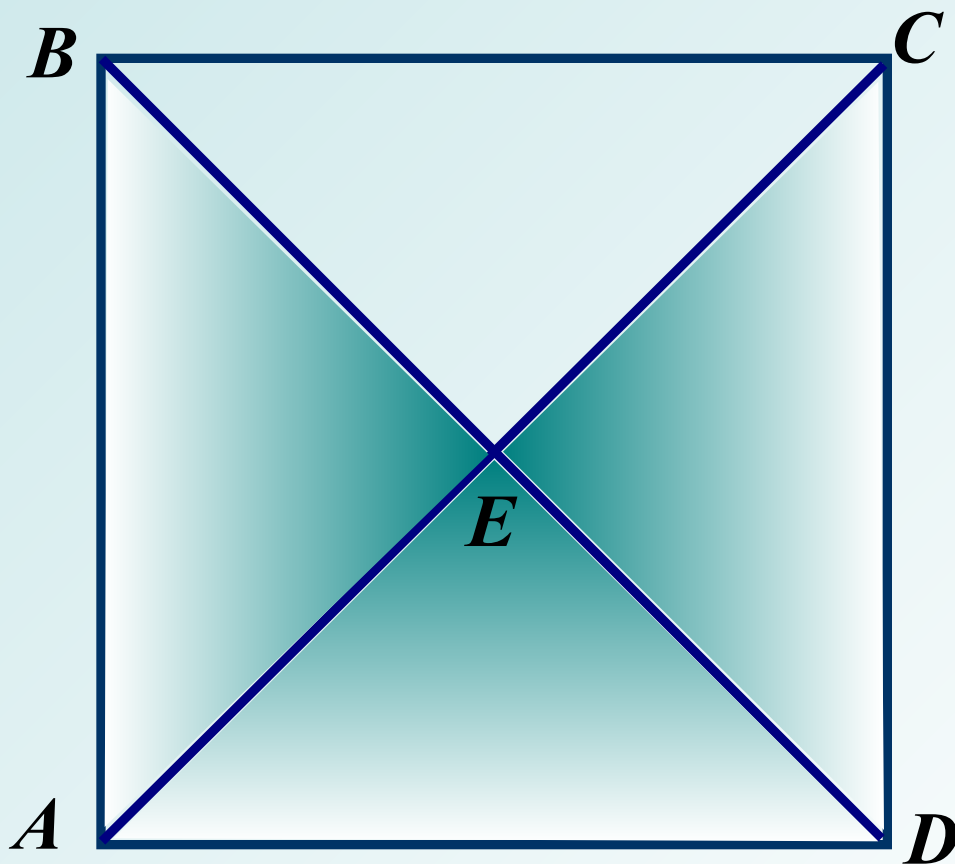
5.

Дано:

$$S_{\triangle A\tilde{A}ND} = 48\tilde{n}i$$

Найти:

$$S_{AB\tilde{A}ND}$$

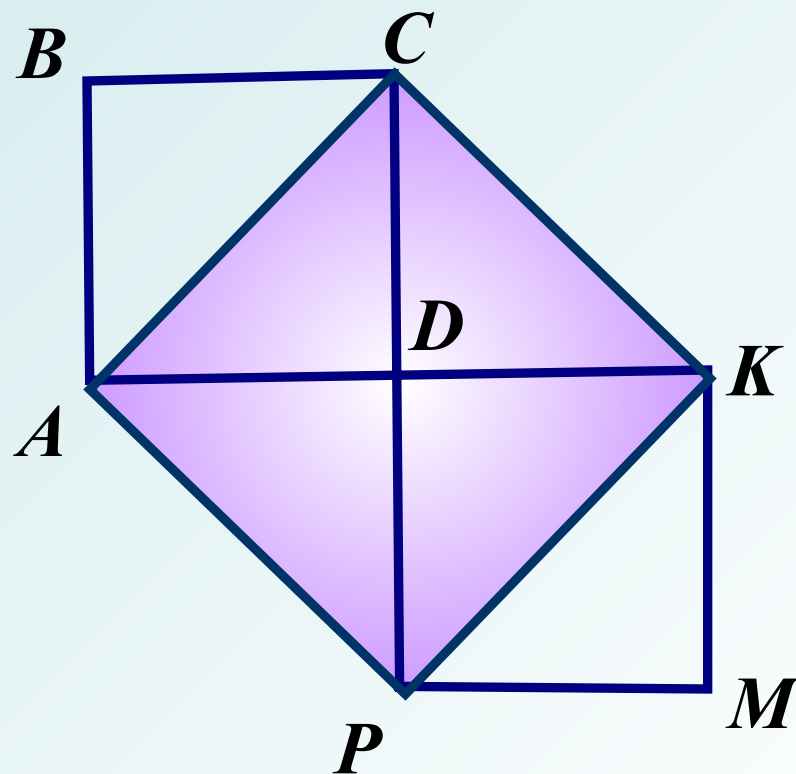


6.

Дано: $AB = 8\sqrt{2}$

$ABCD$ è $DKMP$ – $\delta\alpha\alpha\acute{\iota}\acute{\iota}\grave{a}$ $\acute{e}\hat{a}\grave{a}\grave{d}\grave{a}\grave{o}\acute{u}$

Найти: $S_{\hat{A}\hat{N}\hat{E}\hat{D}}$, $\hat{D}_{\hat{A}\hat{N}\hat{E}\hat{D}}$



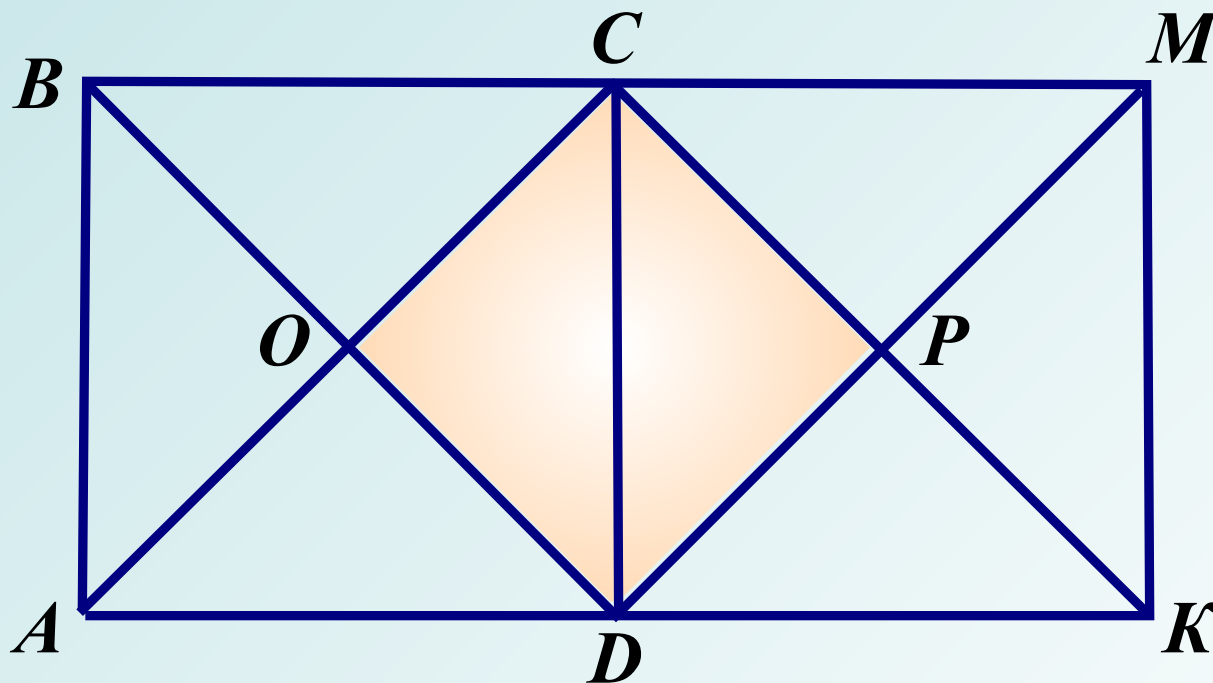
7.

Дано: $ABCD$ è $\tilde{N}M\hat{E}D$ – $\hat{e}\hat{a}\hat{a}\hat{a}\hat{d}\hat{a}\hat{o}\hat{u}$

$$AB = 6\tilde{n}\hat{i}$$

Найти:

$$S_{O\tilde{N}EDD}, \quad \hat{D}_{O\tilde{N}EDD}$$



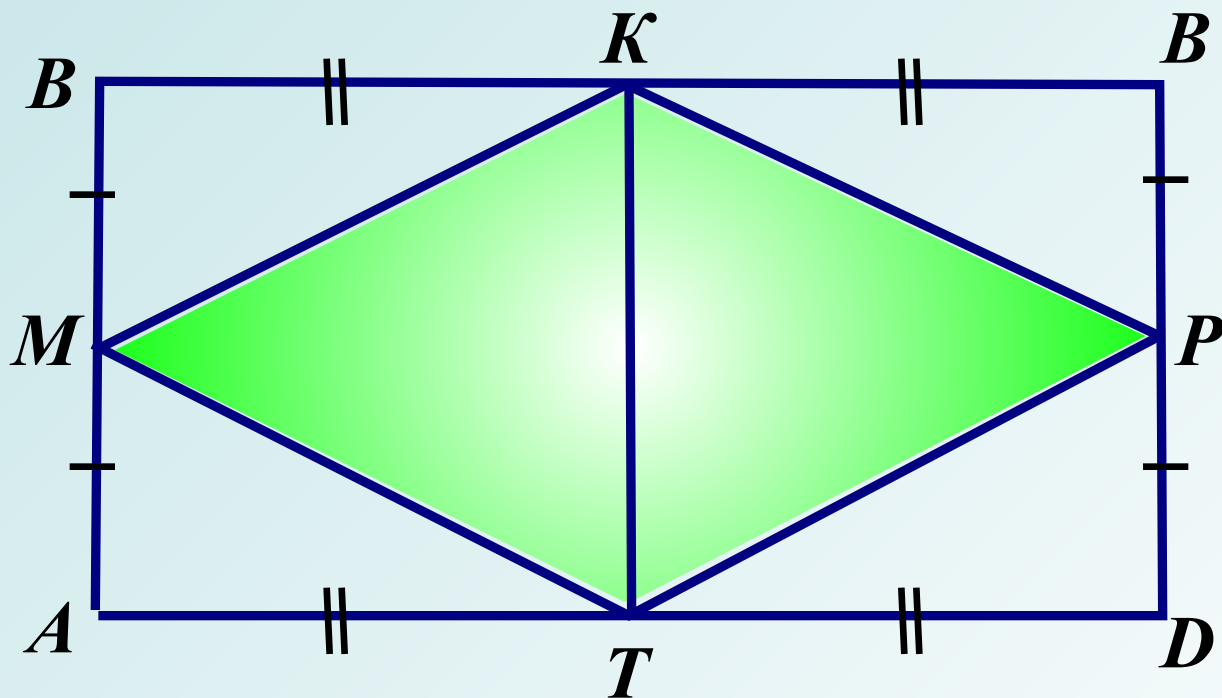
8.

Дано:

$ABCD$ – $\text{ï}\text{ö}\text{y}\text{i}\text{i}\text{o}\text{ã}\text{i}\text{ë}\text{ü}$ $\text{i}\text{è}\text{ê}$
 $AD = 12\text{ñ}\text{i}$

Найти:

$S_{\text{i}\hat{\text{E}}\text{D}\text{O}}$



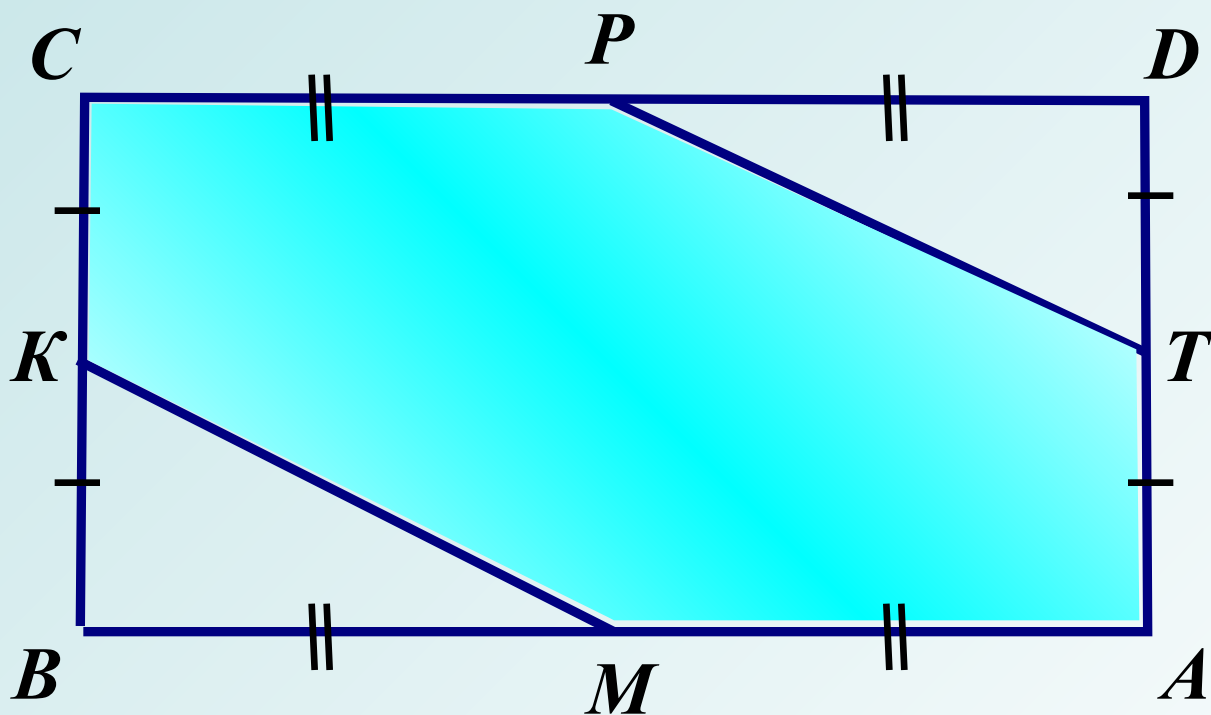
9.

Дано:

$ABCD$ – $\text{ï}\text{ö}\text{y}\text{ï}\text{ï}\text{ó}\text{ã}\text{î}\text{ë}\text{ü}$ $\text{í}\text{è}\text{é}$
 $AA' = 16\text{ñ}\text{ì}$, $AD = 10\text{ñ}\text{ì}$

Найти:

$S_{\text{ì}\text{É}\text{Ñ}\text{Ð}\text{Ò}\text{À}}$



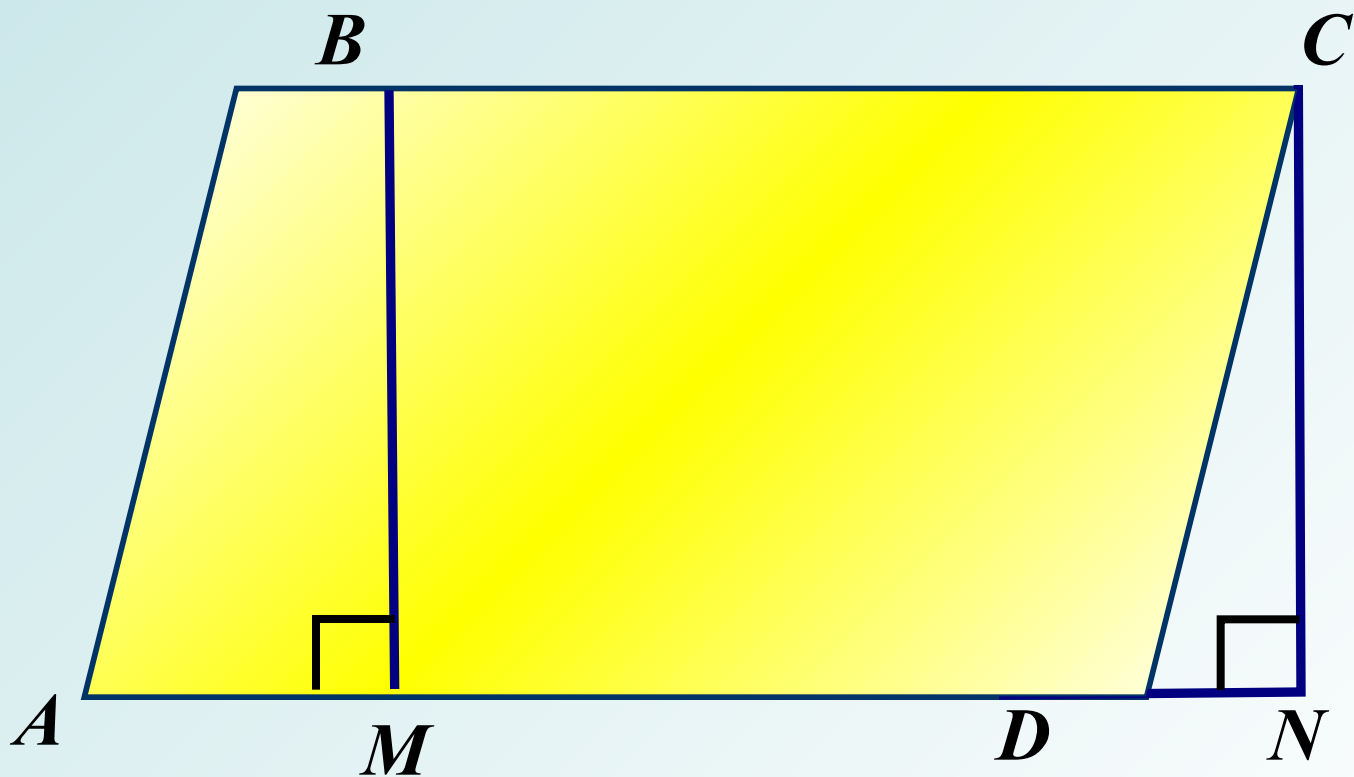
10.

Дано:

$ABCD$ – трапеция
 $AM = 4$, $DN = 6$

Найти:

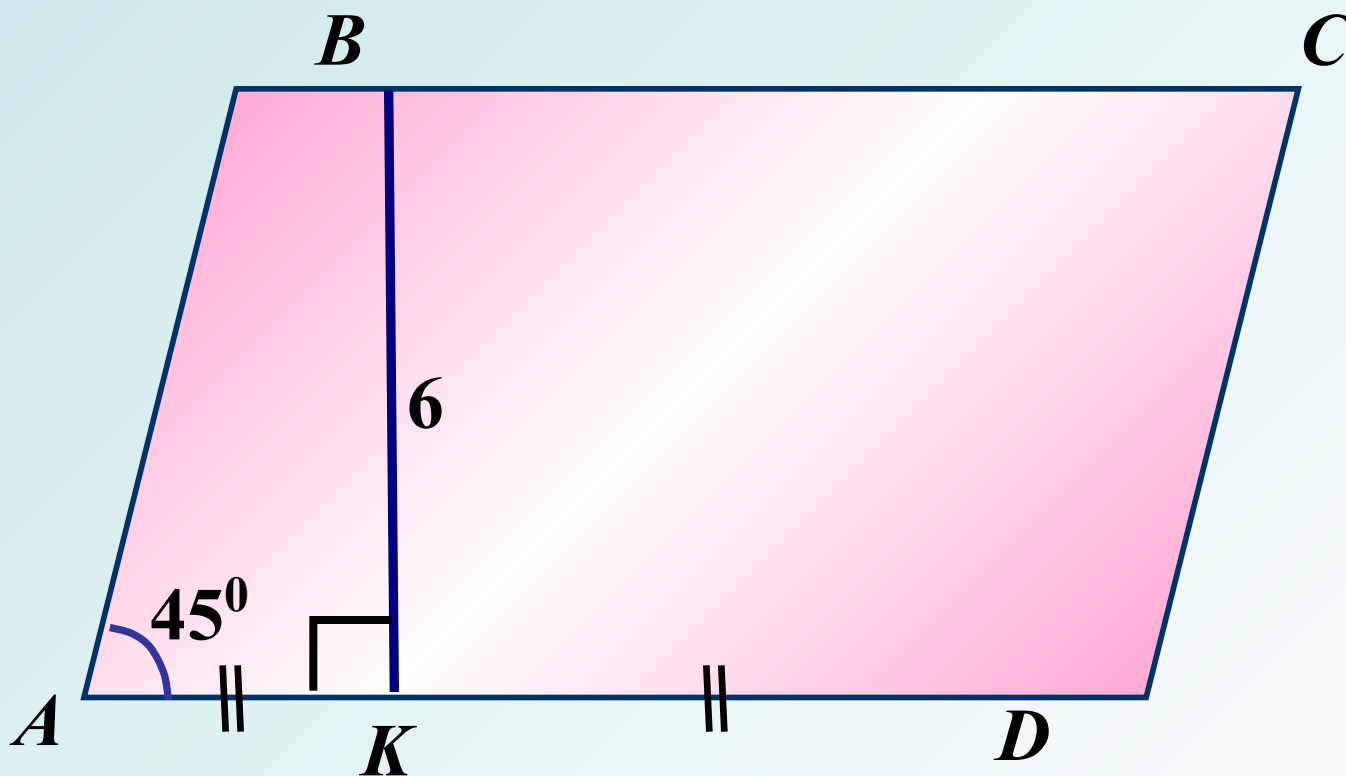
S_{ABCD}



11.

Дано: $ABCD$ – трапеция

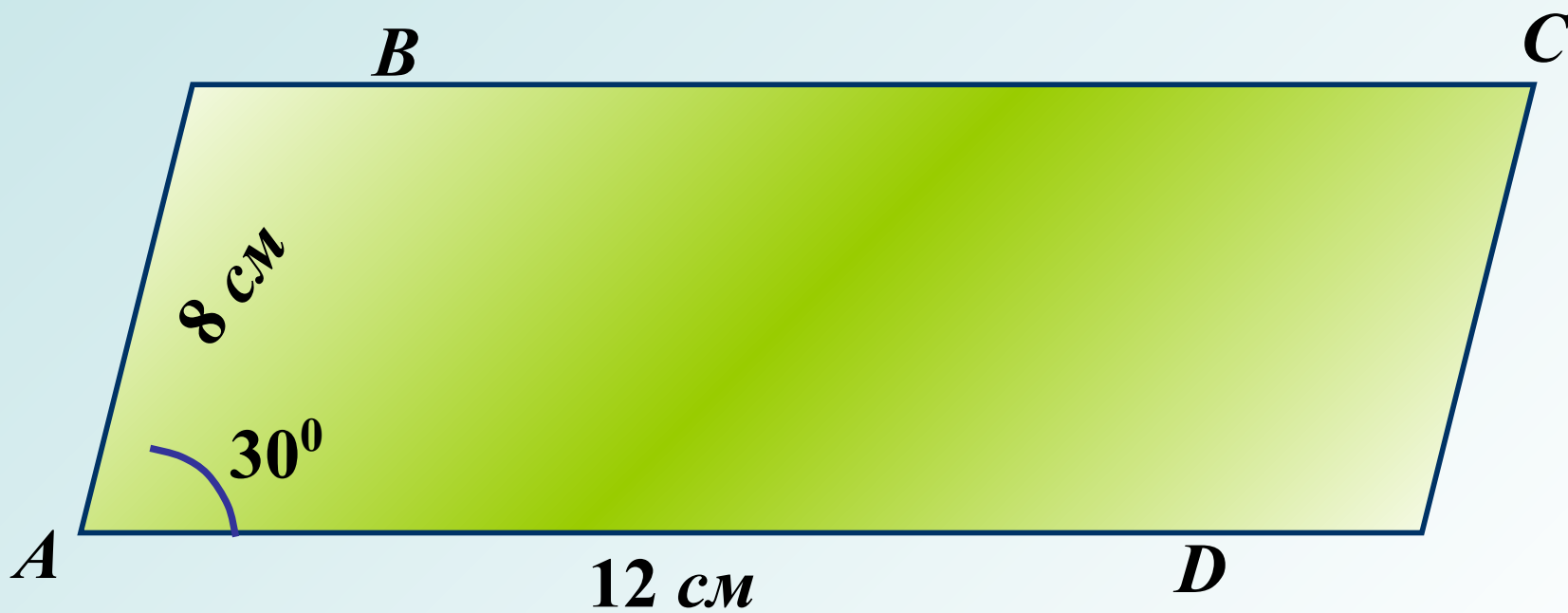
Найти: S_{ABCD}



12.

Дано: $ABCD$ – параллелограмм

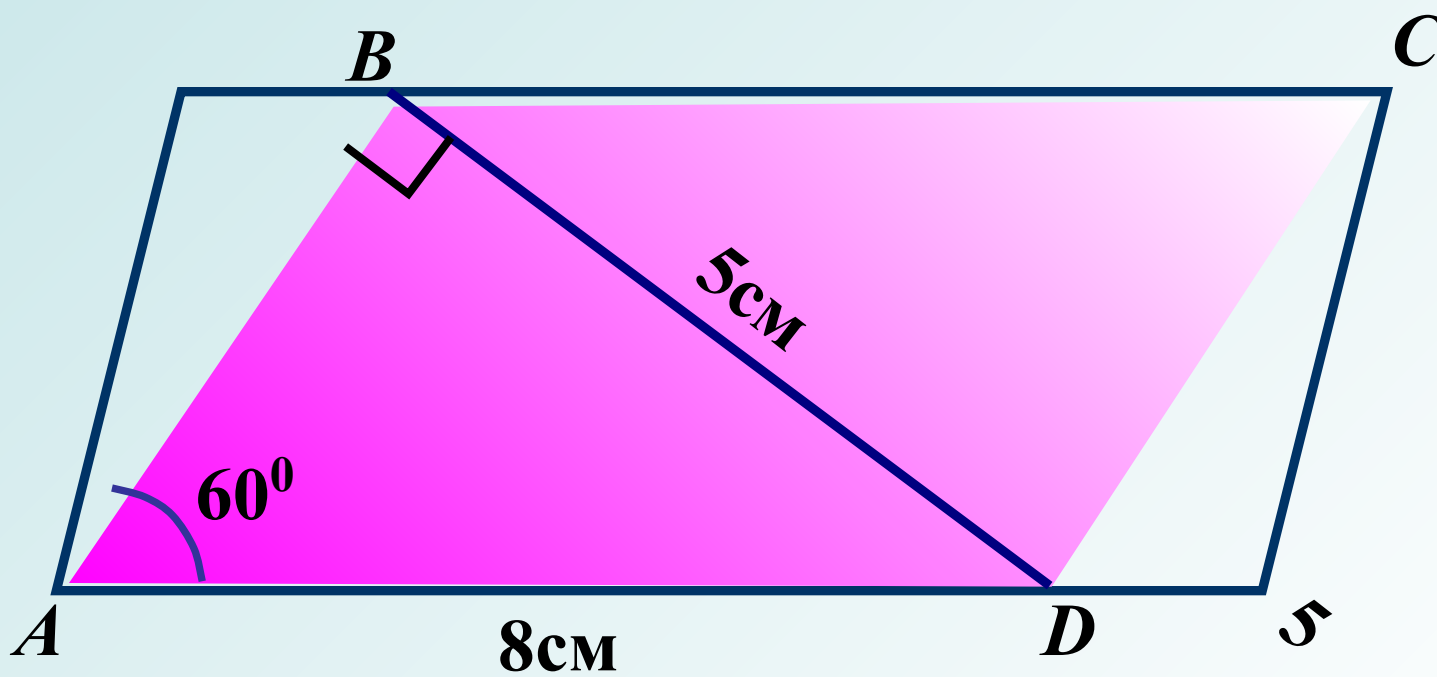
Найти: S_{ABCD}



13.

Дано: $ABCD$ – параллелограмм

Найти: S_{ABCD}

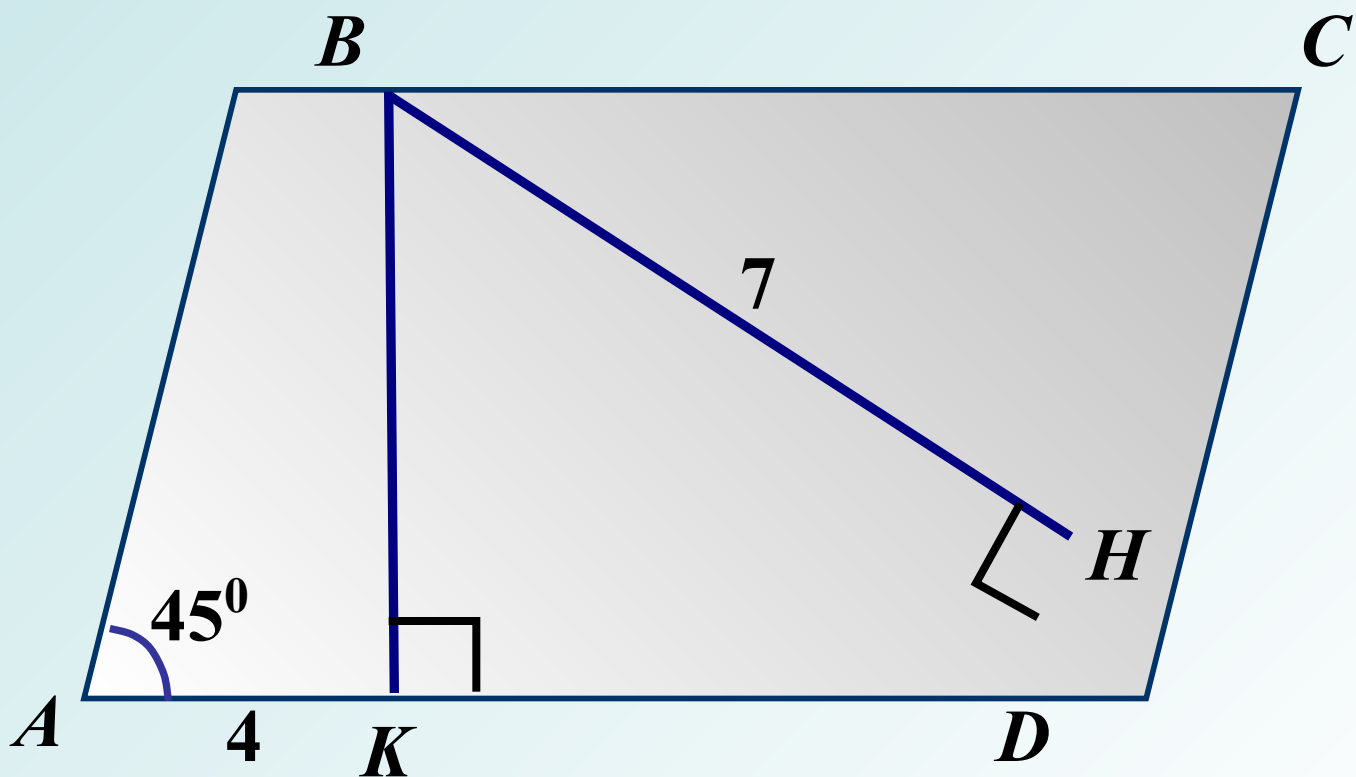


14.

Дано: $ABCD$ – ïàðàëëäëïä ðàìì

Найти:

S_{ABCD}

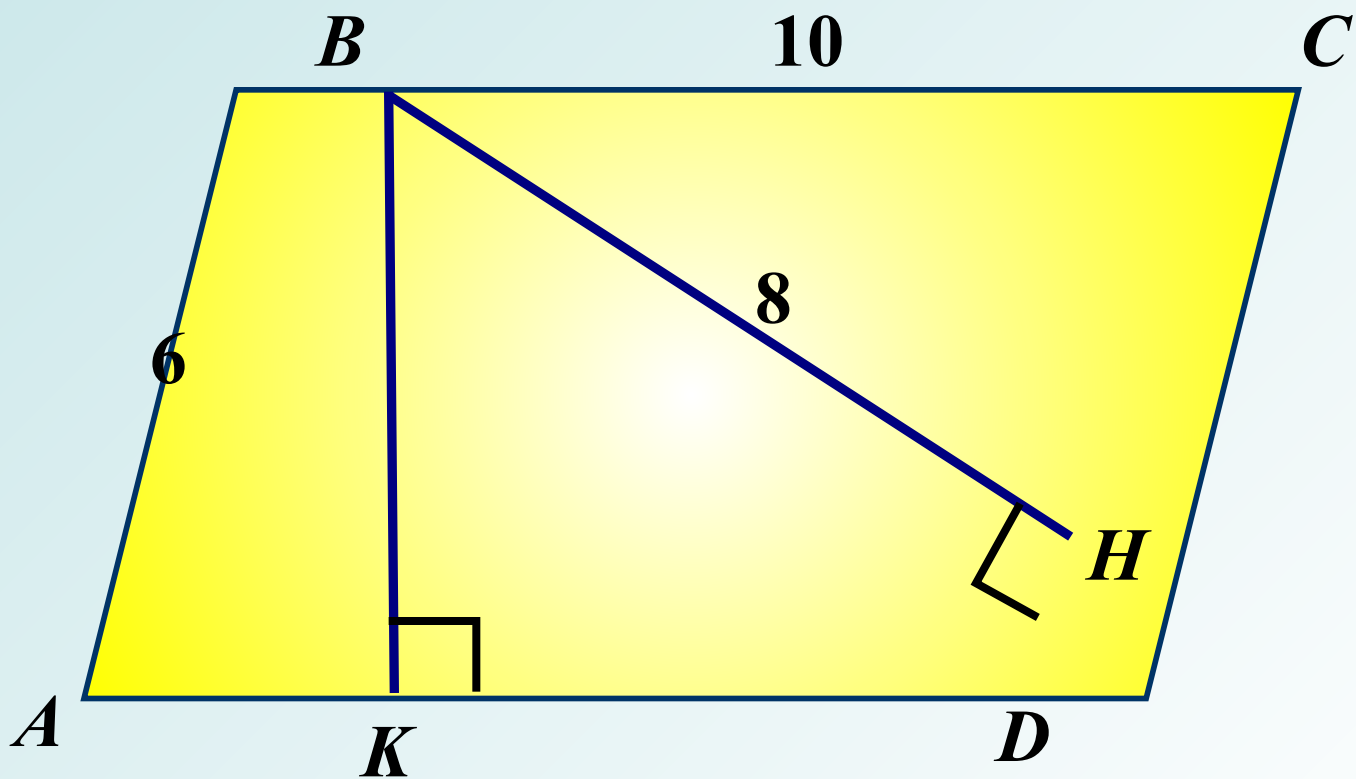


15.

Дано: $ABCD$ – $i\grave{a}\delta\grave{a}\ddot{e}\ddot{e}\grave{a}\ddot{e}i\grave{a}$ $\delta\grave{a}i\grave{i}$

Найти:

$\hat{A}\hat{E}$

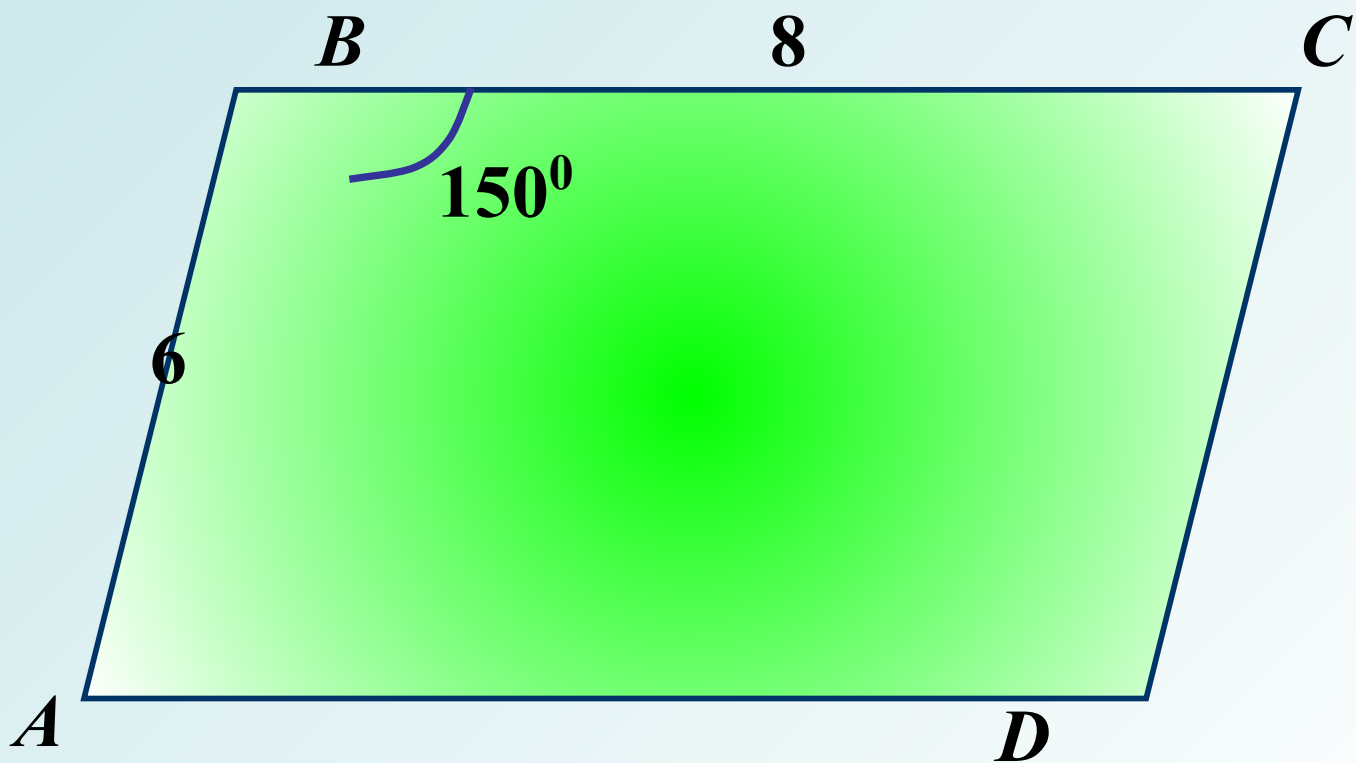


16.

Дано: $ABCD$ – ïàðàëëäëïã ðàì

Найти:

S_{ABCD}



17.

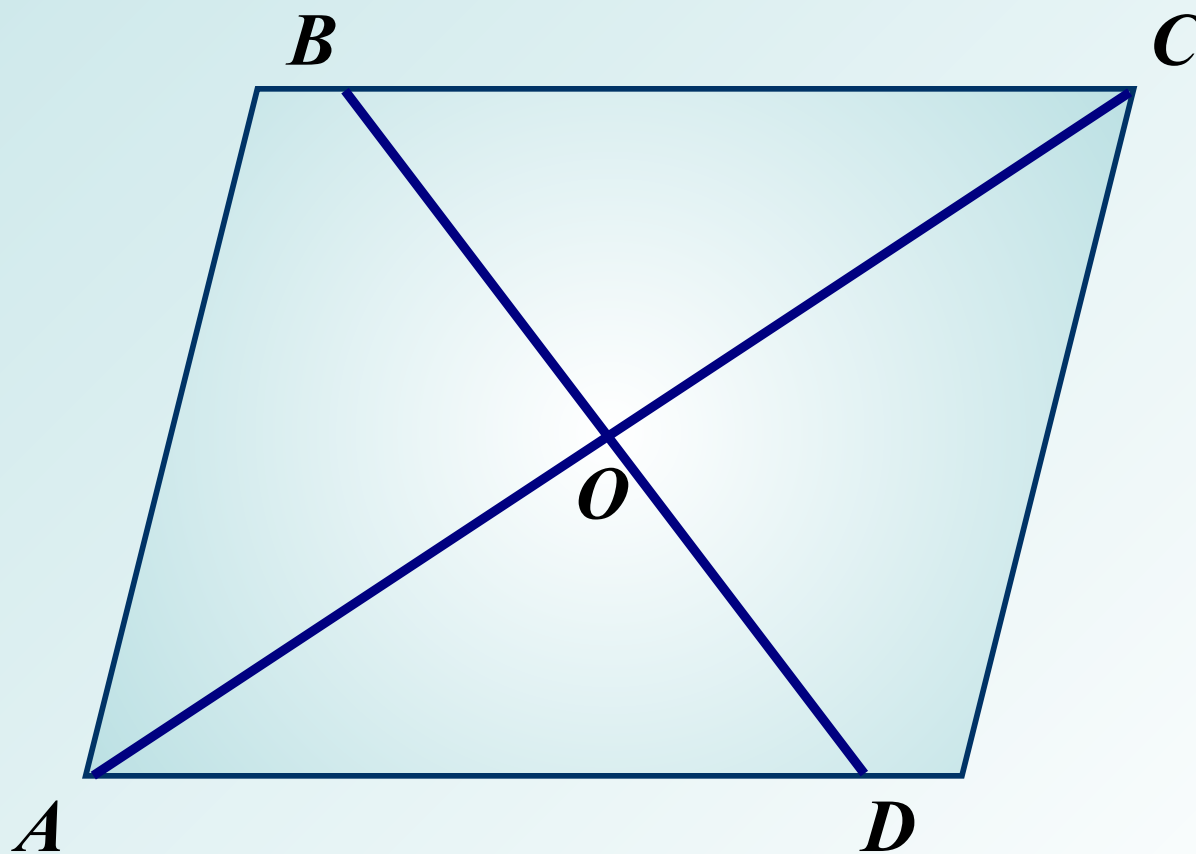
Дано:

$ABCD$ – δ

$$AC = 10 \text{ см}, BD = 8 \text{ см}$$

Найти:

$$S_{ABCD}$$



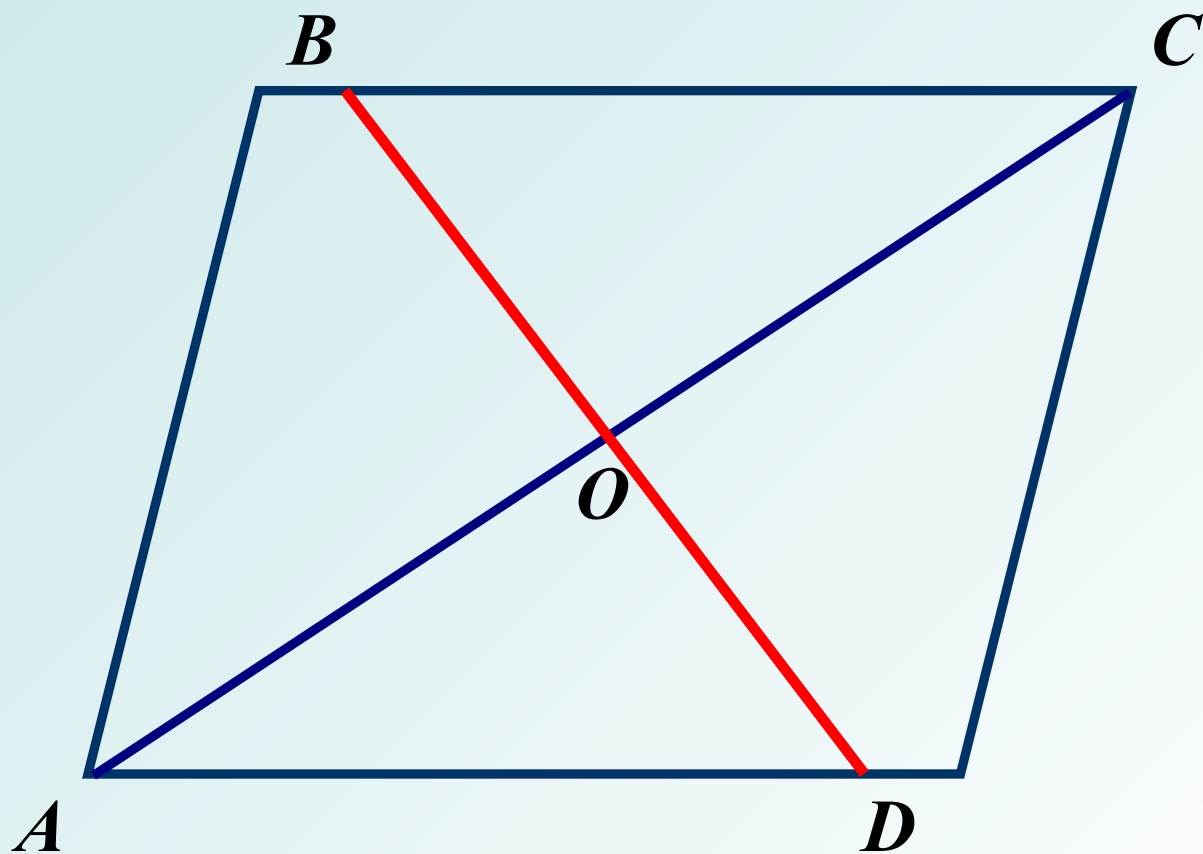
18.

Дано:

$$AC = 12, S_{ADCD} = 48$$

Найти:

BD

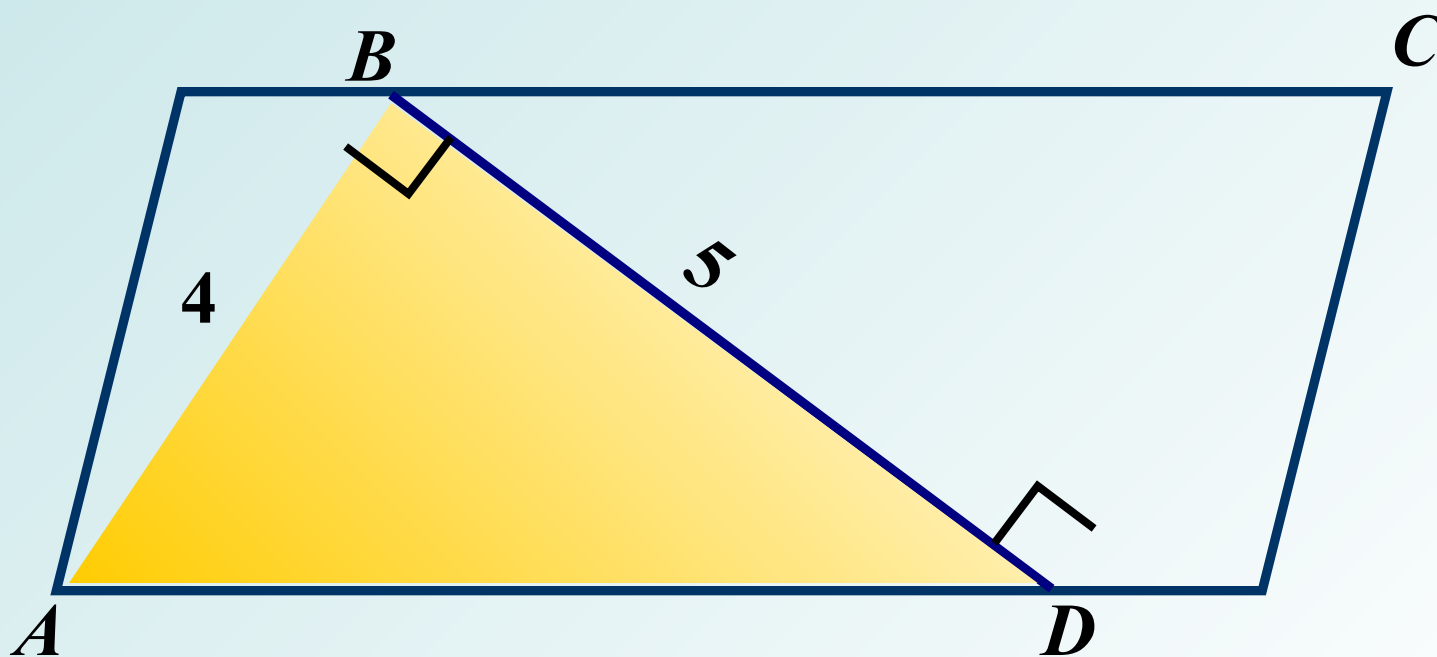


19.

Дано: $ABCD$ – $i\grave{a}\delta\grave{a}\ddot{e}\ddot{e}\grave{a}\ddot{e}\grave{i}\tilde{a}$ $\delta\grave{a}\grave{i}\grave{i}$

Найти:

$$S_{ABD}$$

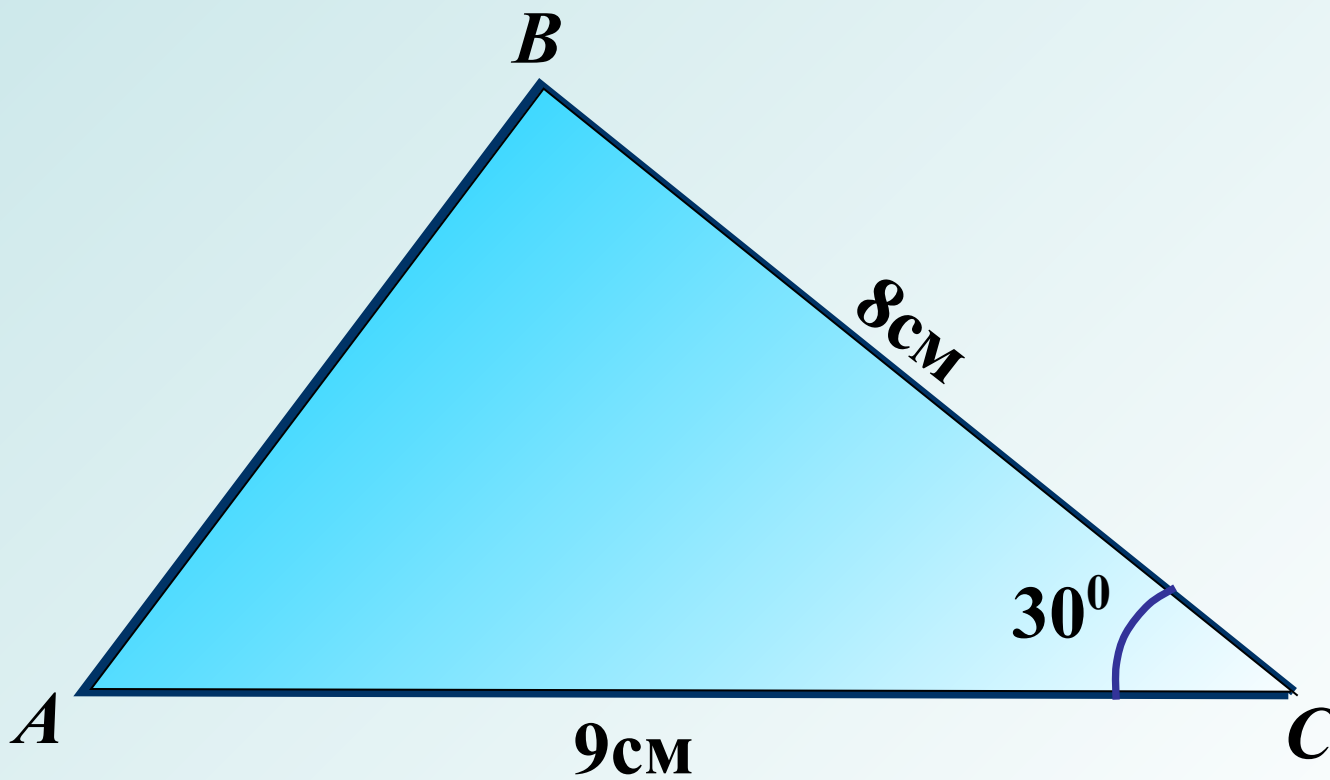


20.

Дано: ABC – \triangle

Найти:

S_{ABN}



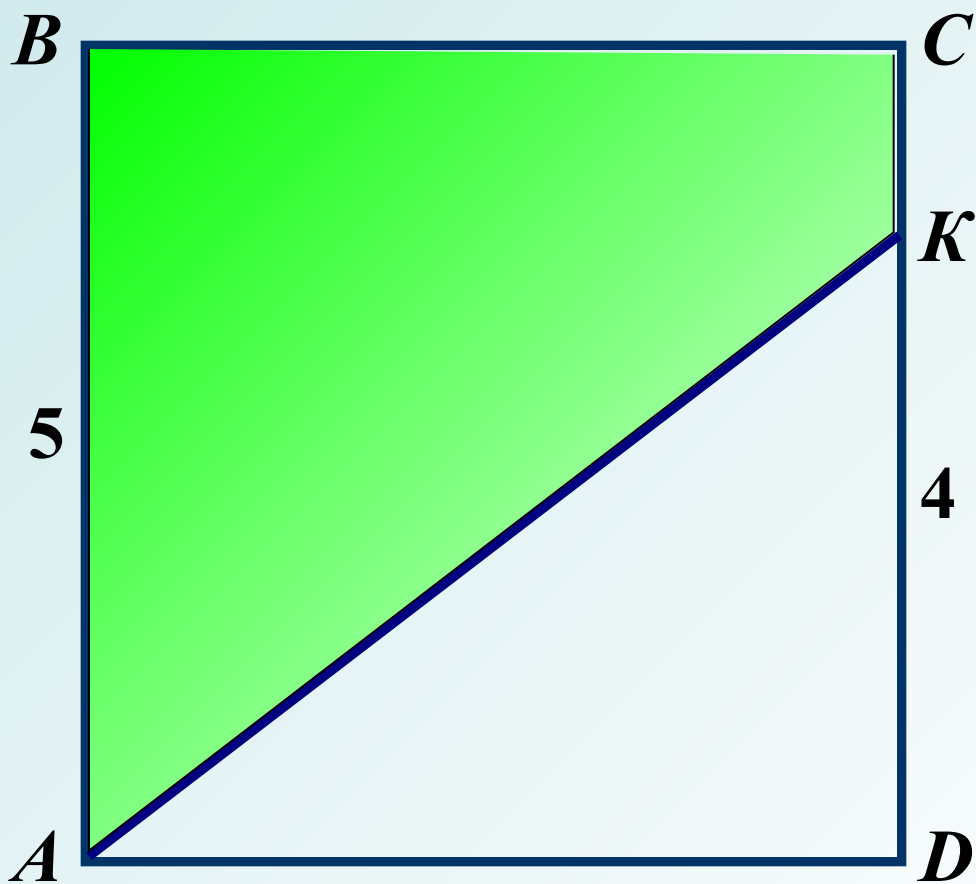
22.

Дано:

$ABCD$ – еáàäðàò

Найти:

$S_{AB\tilde{N}\hat{E}}$



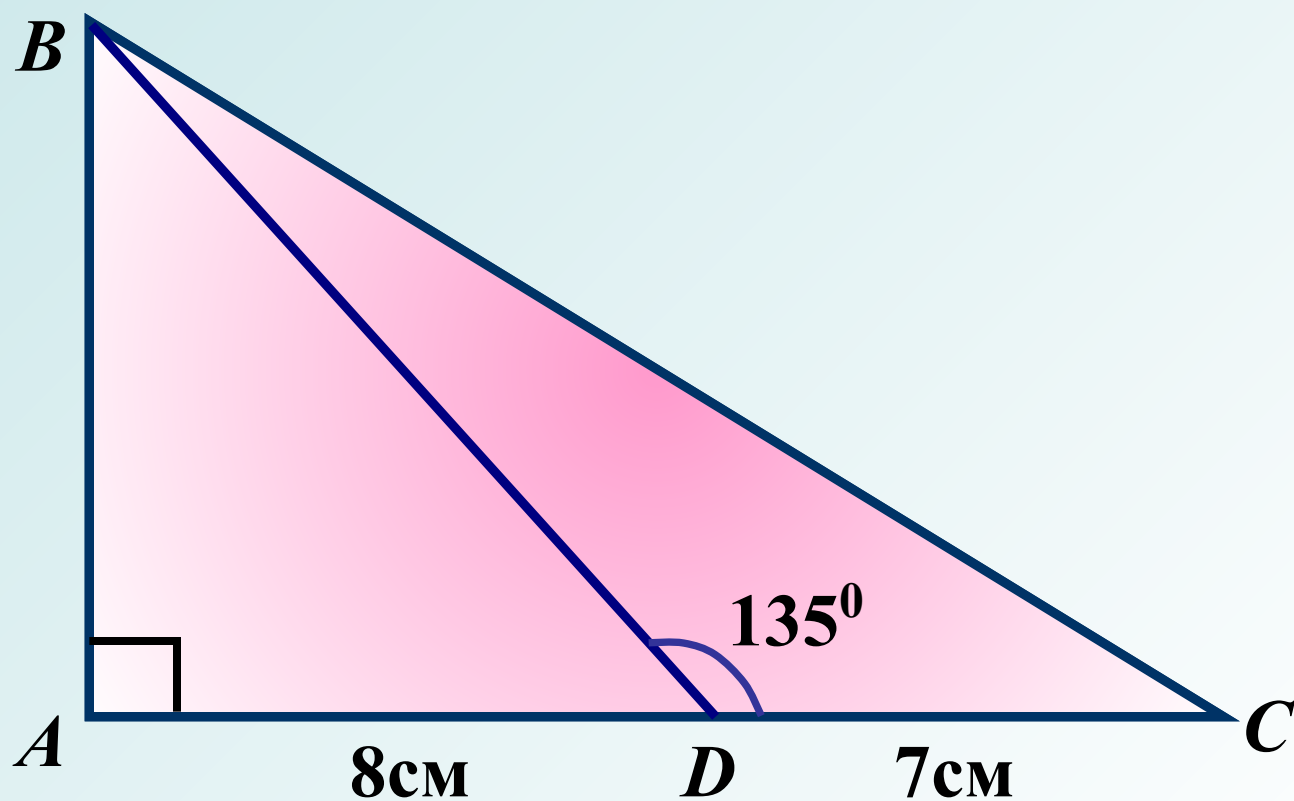
23.

Дано:

ABC – прямоугольный треугольник с катетами AB и AC и гипотенузой BC и высотой BD к гипотенузы BC и длинами $AD = 8 \text{ см}$ и $DC = 7 \text{ см}$ и $\angle BDC = 135^\circ$

Найти:

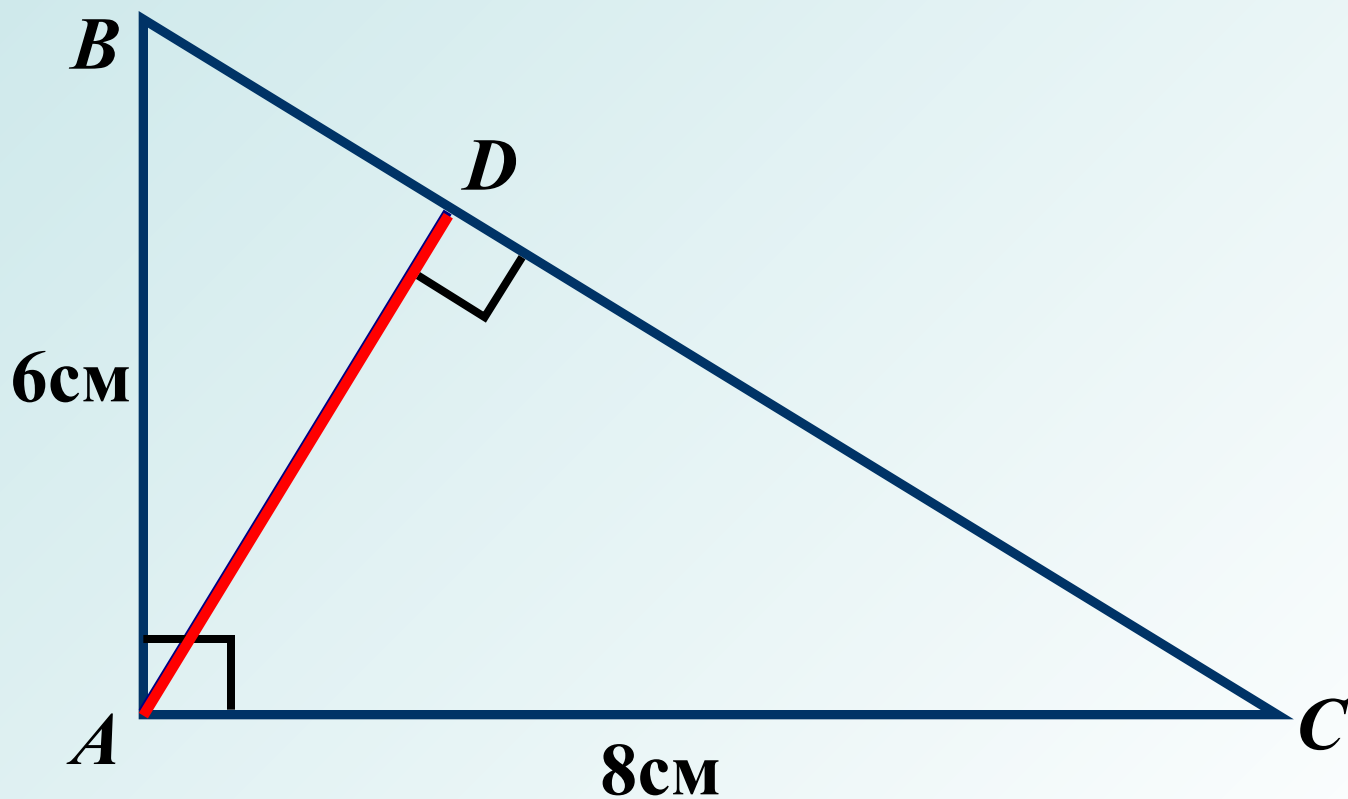
S_{ABD}



24.

Дано: ABC – òđđáóăîëüíè \hat{e}
 $BC = 10\text{ñì}$

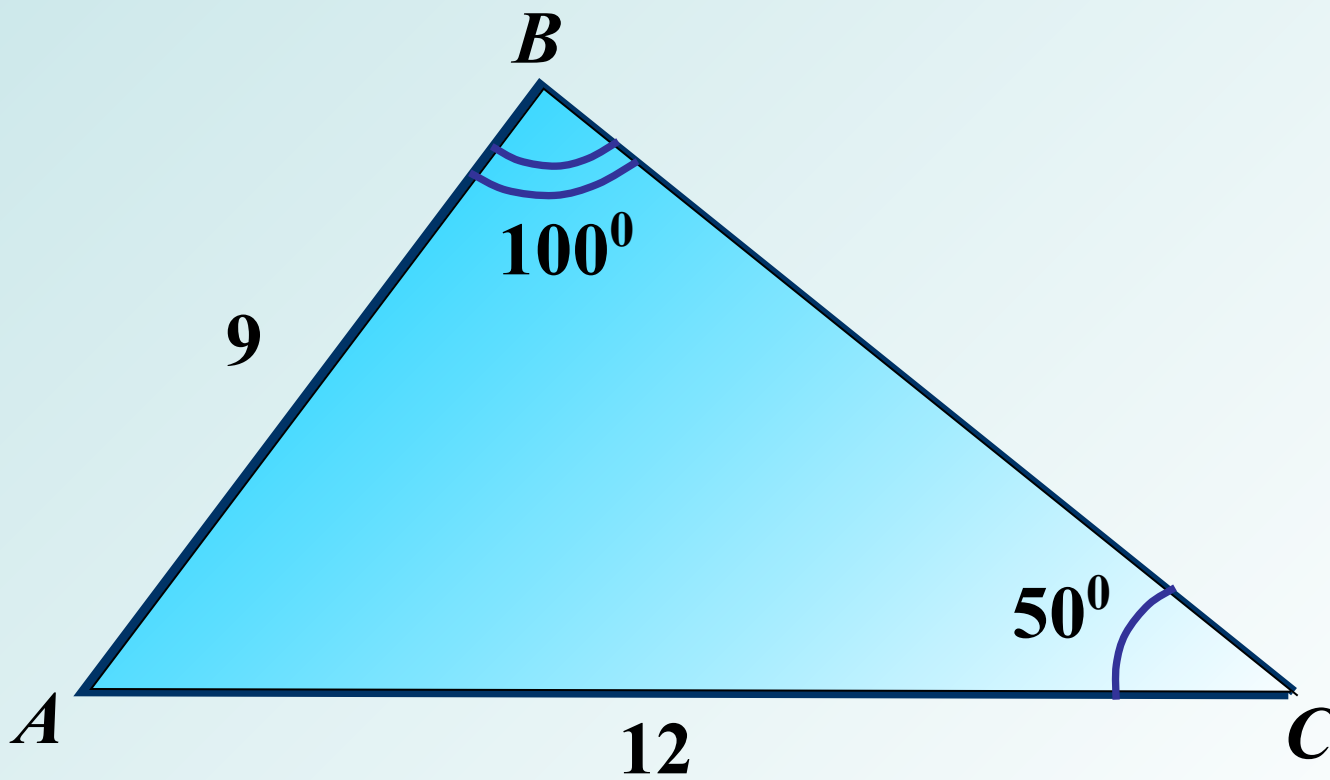
Найти: \tilde{ND}



25.

Дано: ABC – \triangle $\hat{A} = 100^\circ$, $\hat{C} = 50^\circ$, $AB = 9$, $AC = 12$

Найти: S_{ABN}



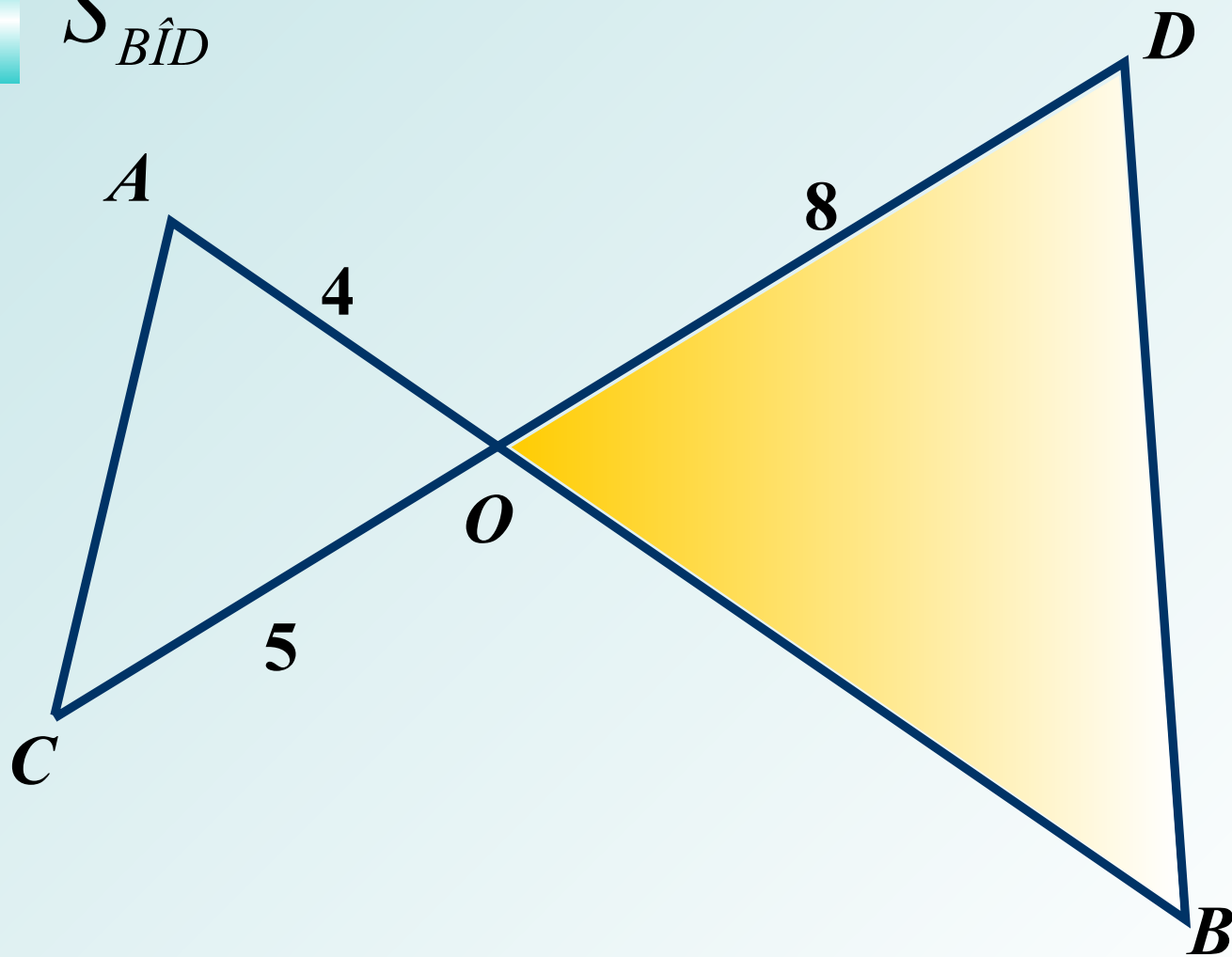
26.

Дано:

$$S_{A\hat{O}C} = 15$$

Найти:

$$S_{B\hat{O}D}$$



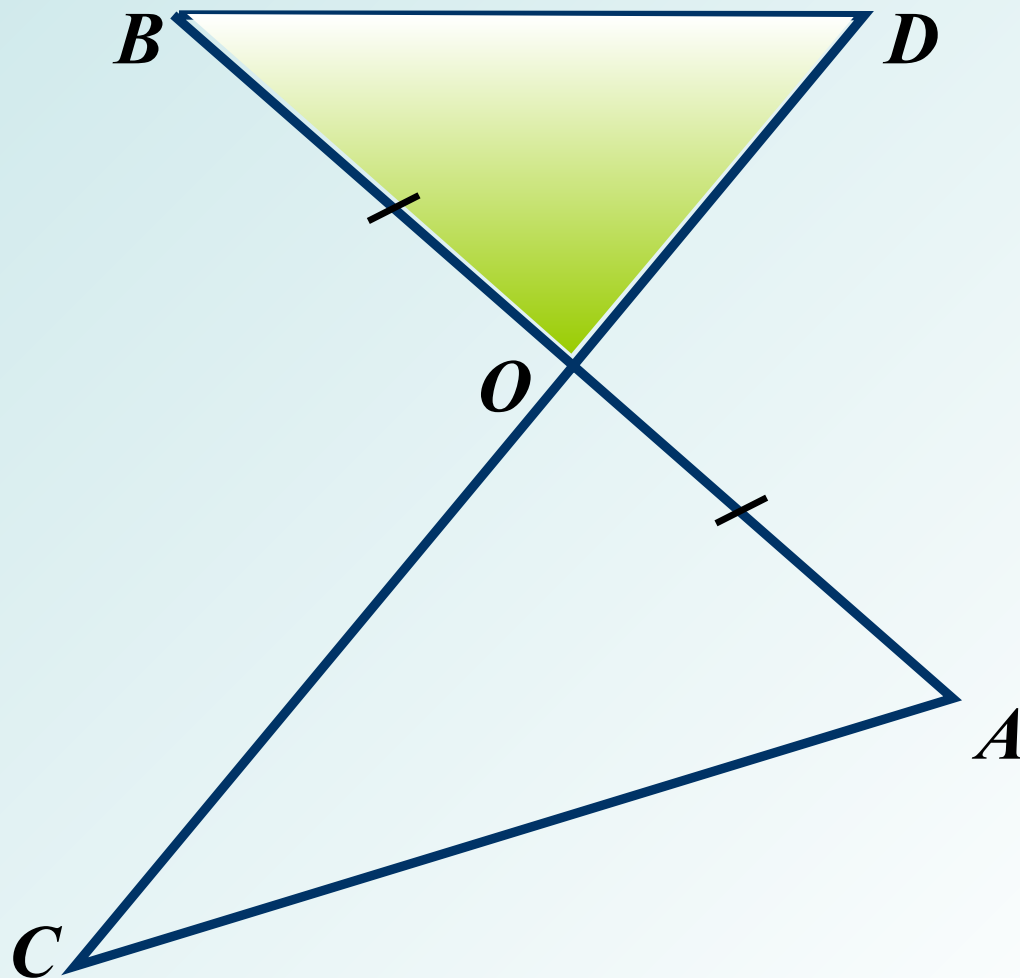
27.

Дано:

$$S_{A\hat{I}C} = 12 \text{ см}^2, \quad OC = 2OD$$

Найти:

$$S_{B\hat{I}D}$$



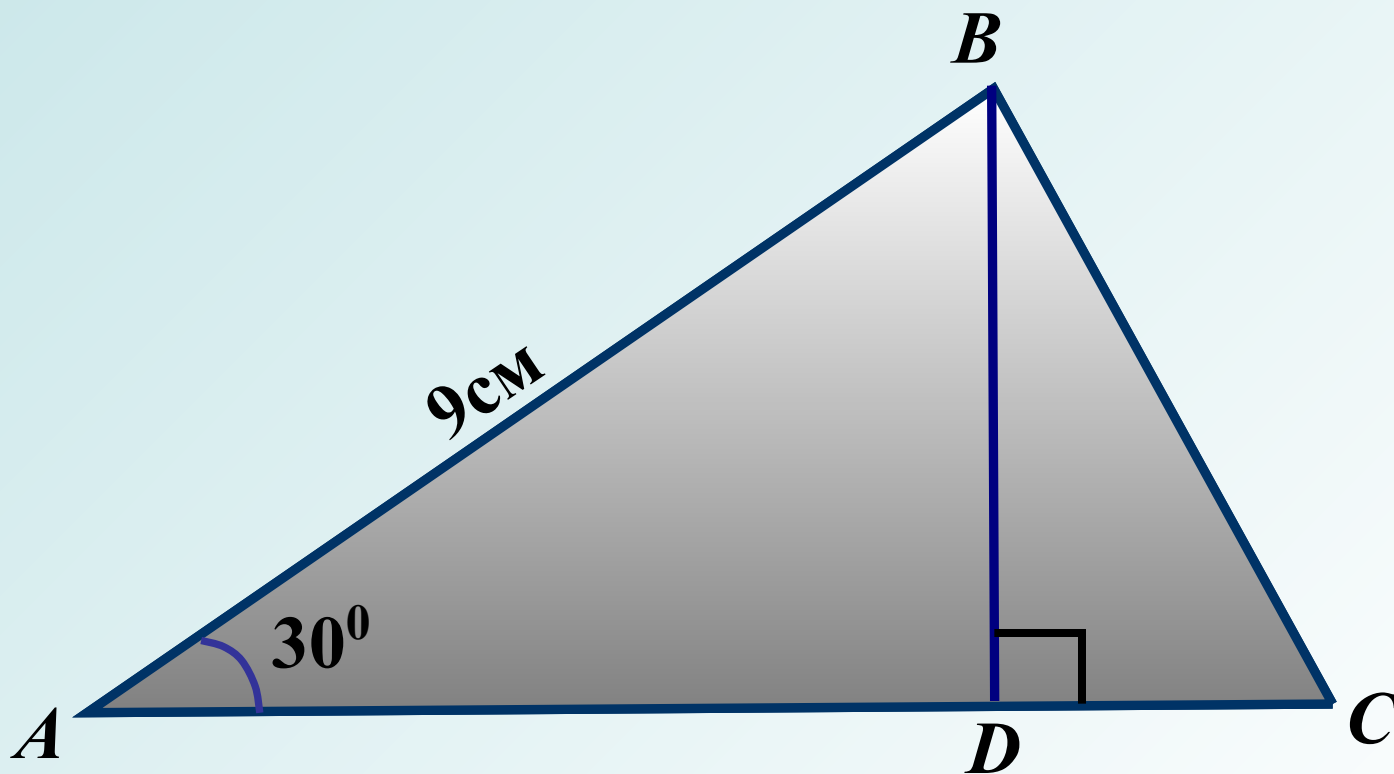
28.

Дано:

ABC – \triangle
 $AC = 12$

Найти:

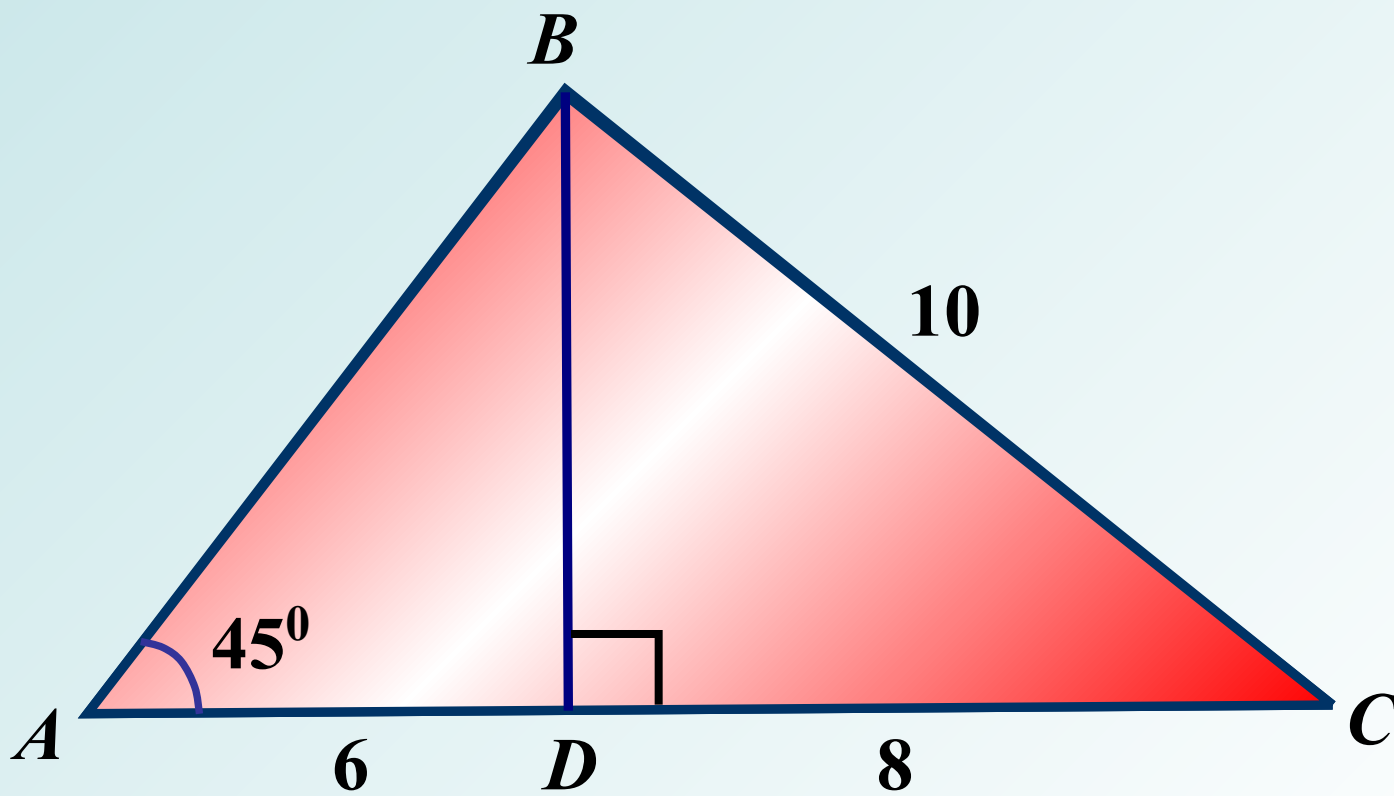
S_{ABD}



30.

Дано: ABC – \triangle с $\angle A = 45^\circ$ и $BC = 10$

Найти: S_{ABD} , BD



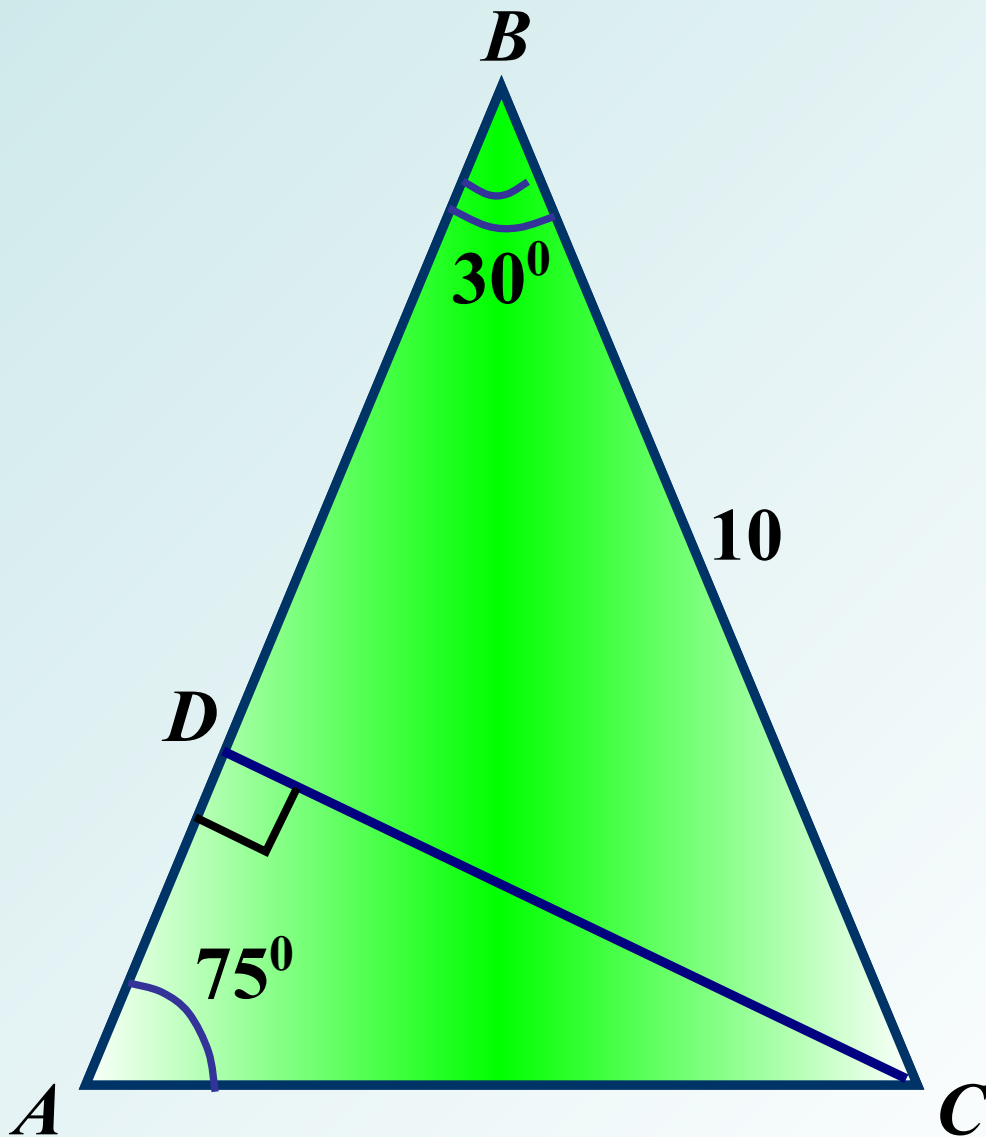
31.

Дано:

$\triangle ABC$ – *đàâíîáâđđâ ííêé*

Найти:

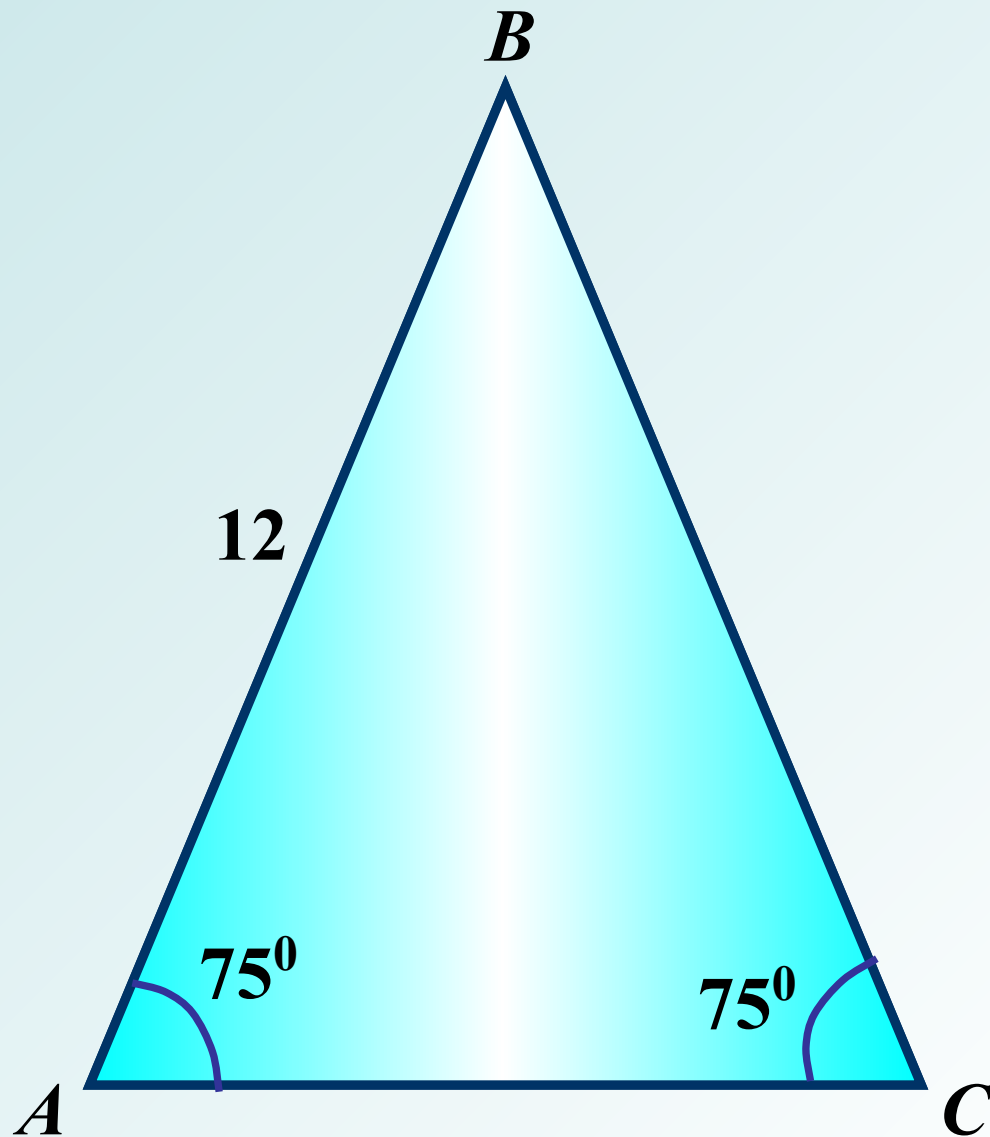
$S_{AB\tilde{N}}$



32.

Дано: $\triangle ABC$

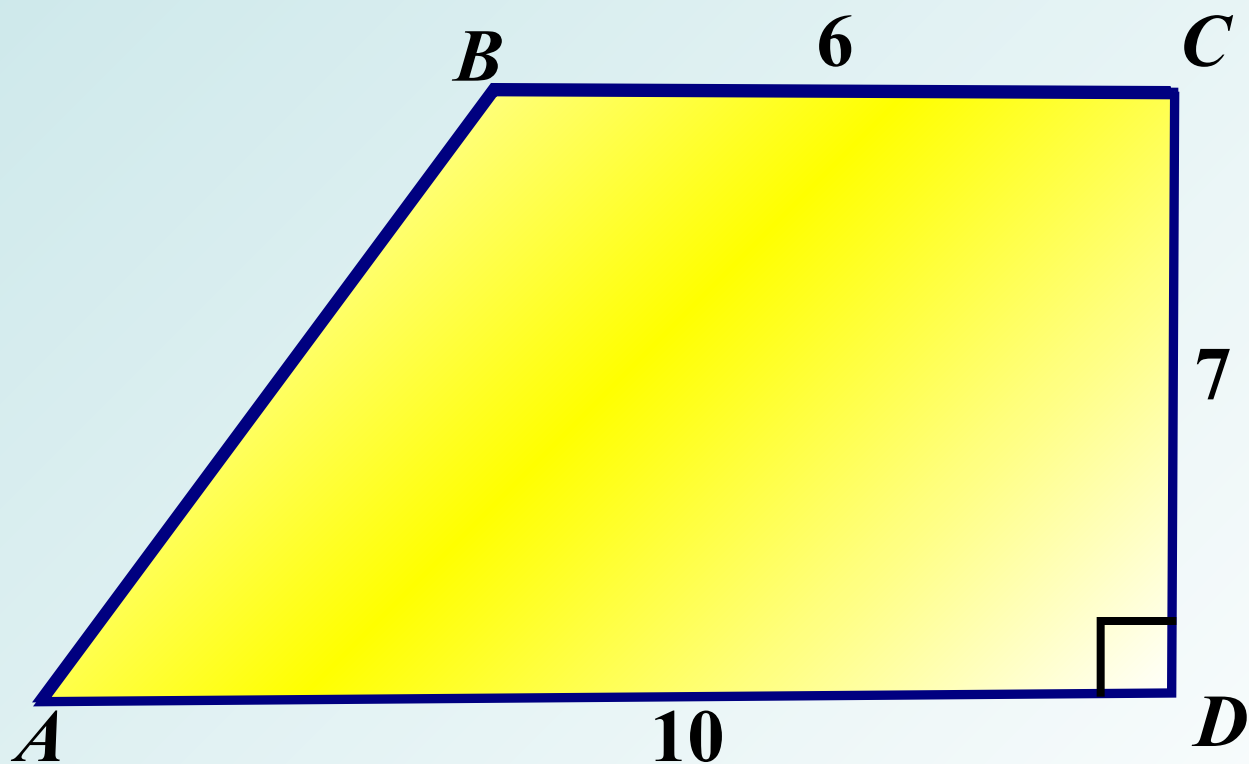
Найти: $S_{AB\tilde{N}}$



33.

Дано: $ABCD$ – òđàìäöèÿ

Найти: $S_{AB\tilde{N}D}$



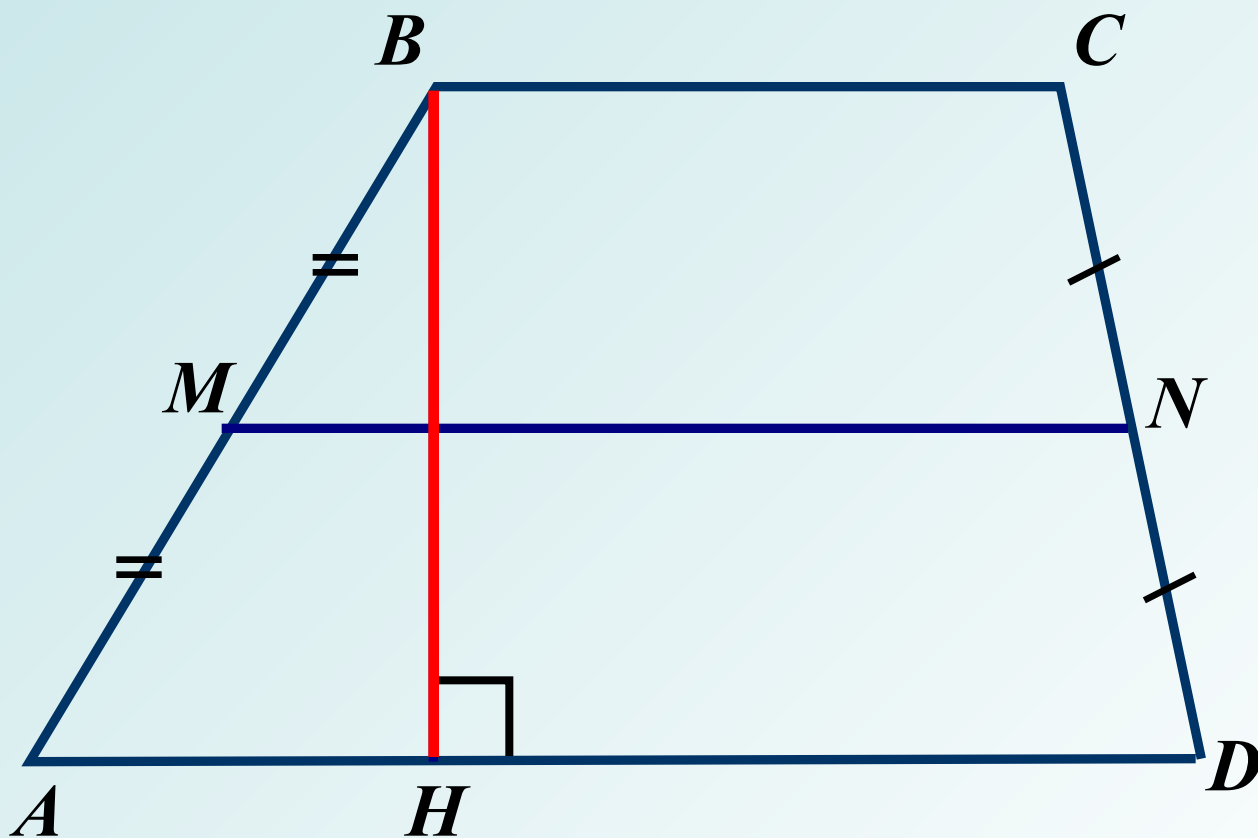
34.

Дано:

$ABCD$ – о́дàíàòöèÿ ,
 $MN = 8$, $S_{ABCD} = 56$

Найти:

BH



35.

Дано: $ABCD$ – трапеция

$$BC : AD = 2 : 3, BK = 6, S_{ABCD} = 60$$

Найти: BK , AD

