

*Решение задач  
на готовых чертежах.*

*Площади фигур.*

*Геометрия.*

*8 класс.*

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1.

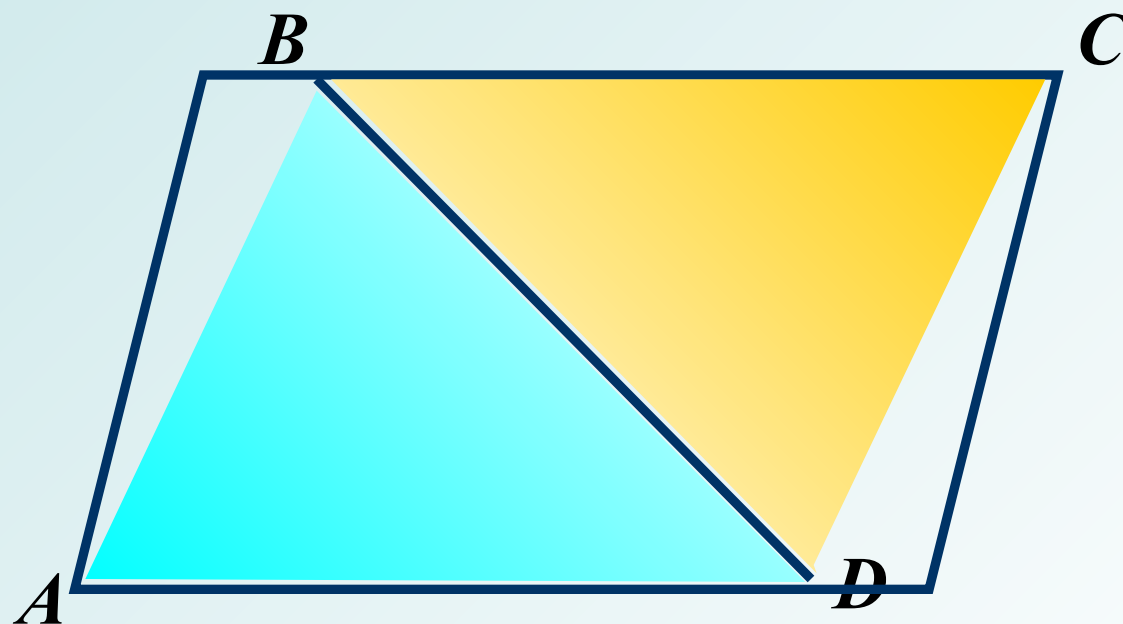
**Дано:**

$ABCD$  – параллелограмм

$$S_{ABCD} = 12$$

**Найти:**

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



2.

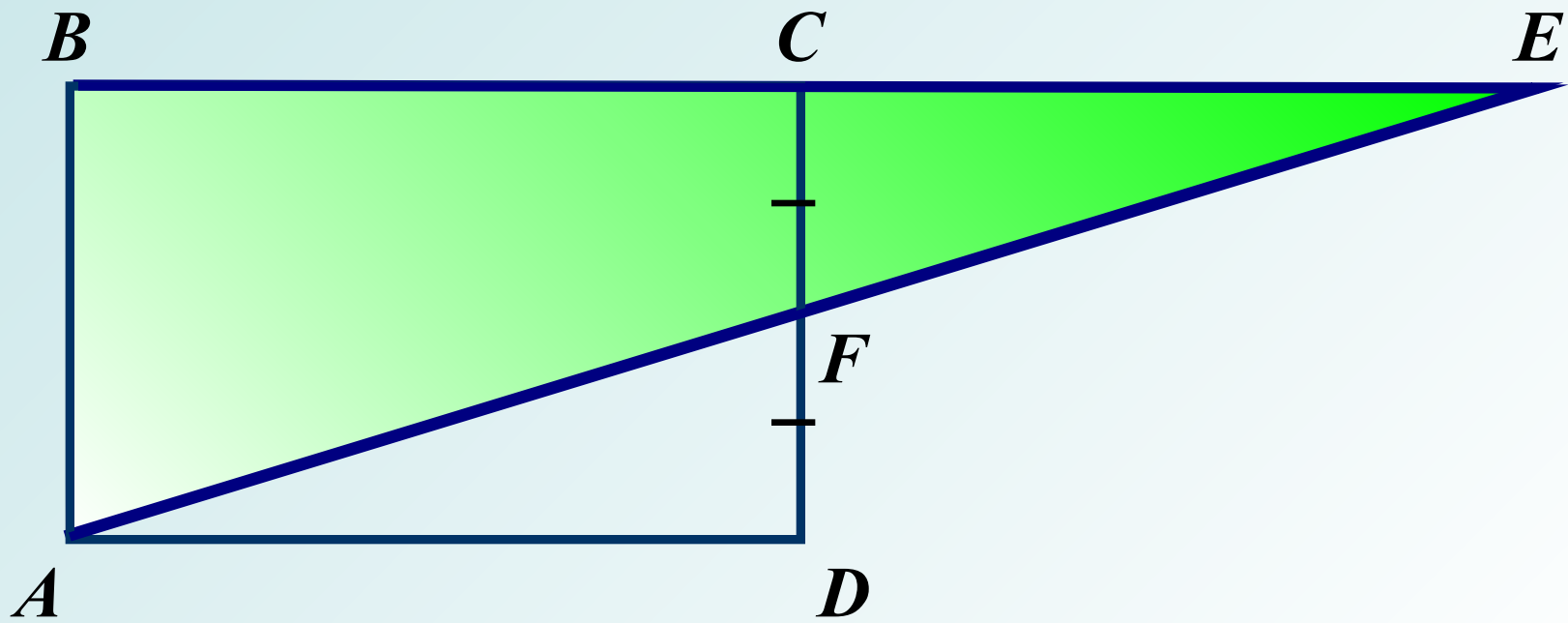
**Дано:**

$ABCD$  –  $AB \parallel CD$  трапеция

$$S_{ABCD} = 13$$

**Найти:**

$$S_{ABE}$$



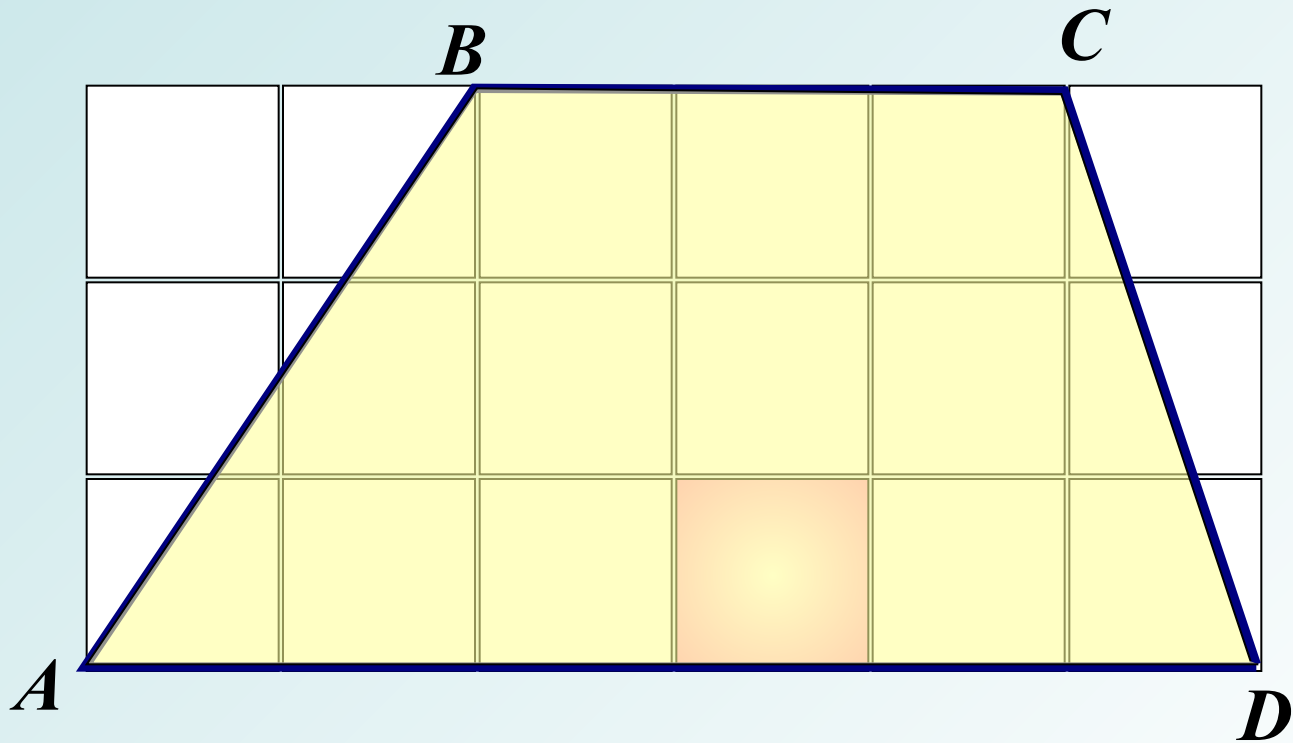
3.

**Дано:**

$$S_{\text{трапеции}} = 1$$

**Найти:**

$$S_{ABND}$$

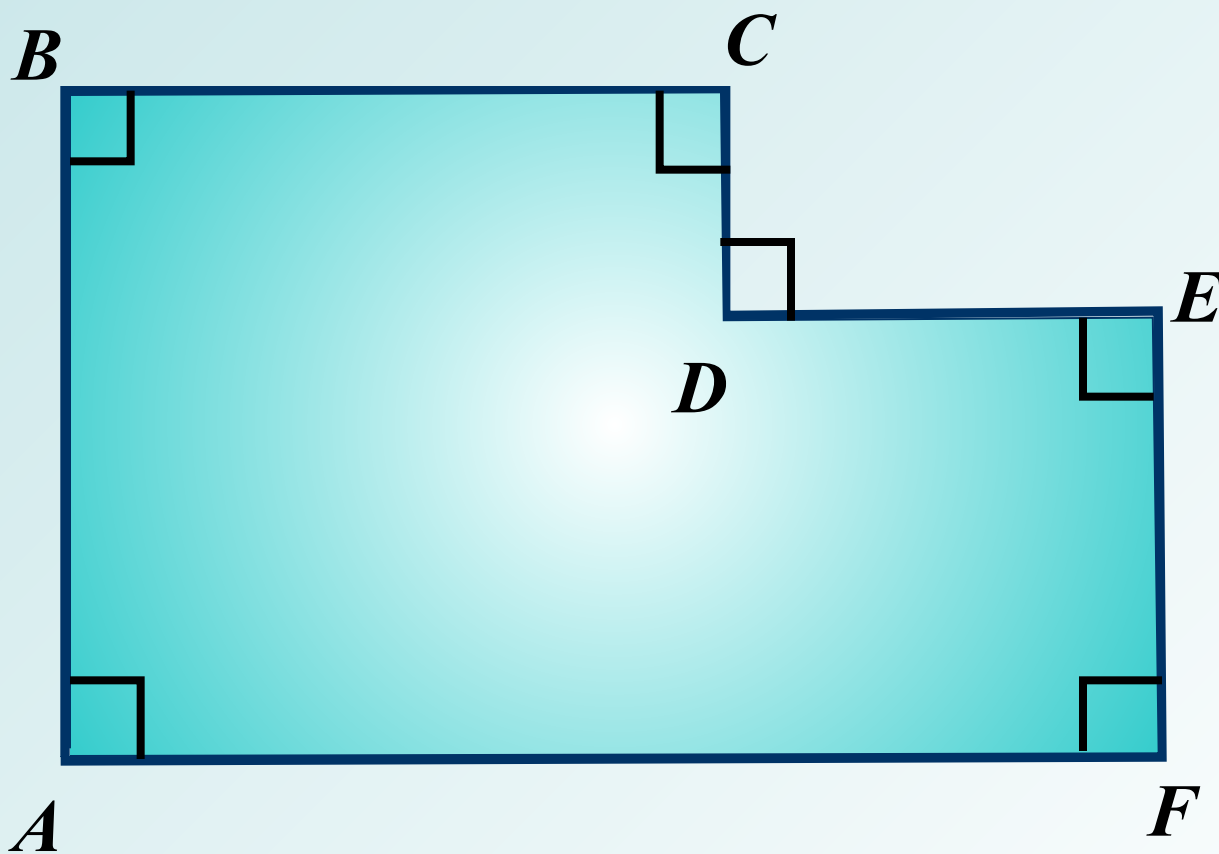


4.

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

**Найти:**

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



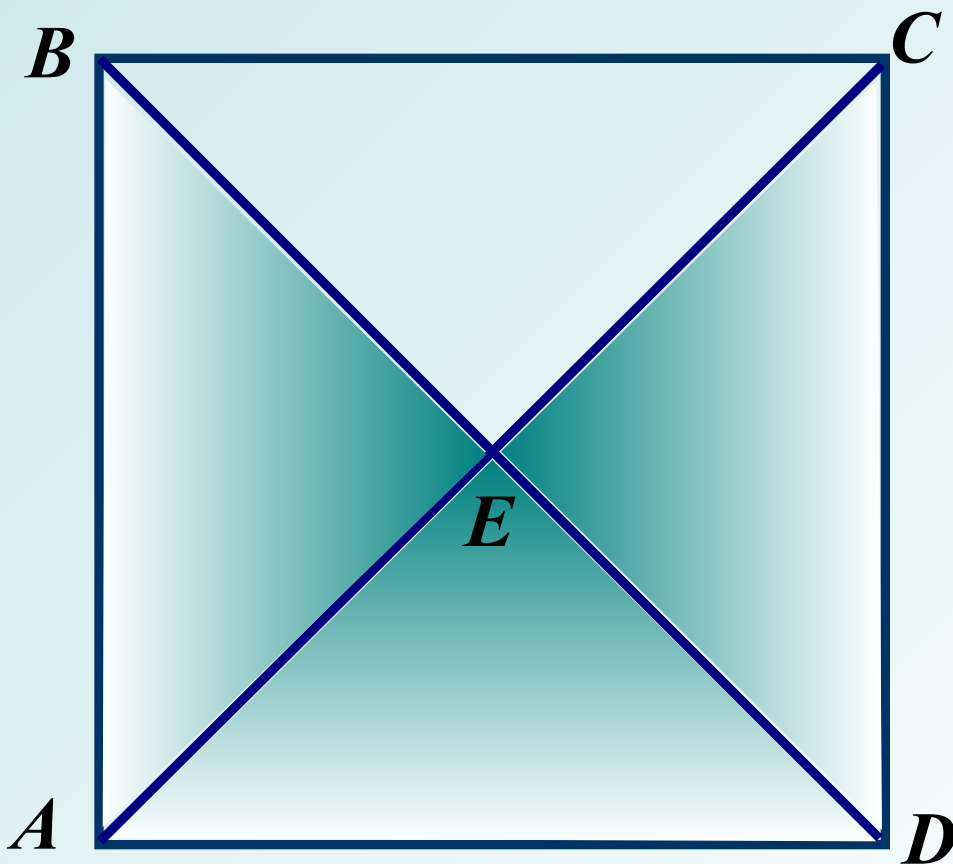
5.

*Дано:*

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

*Найти:*

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

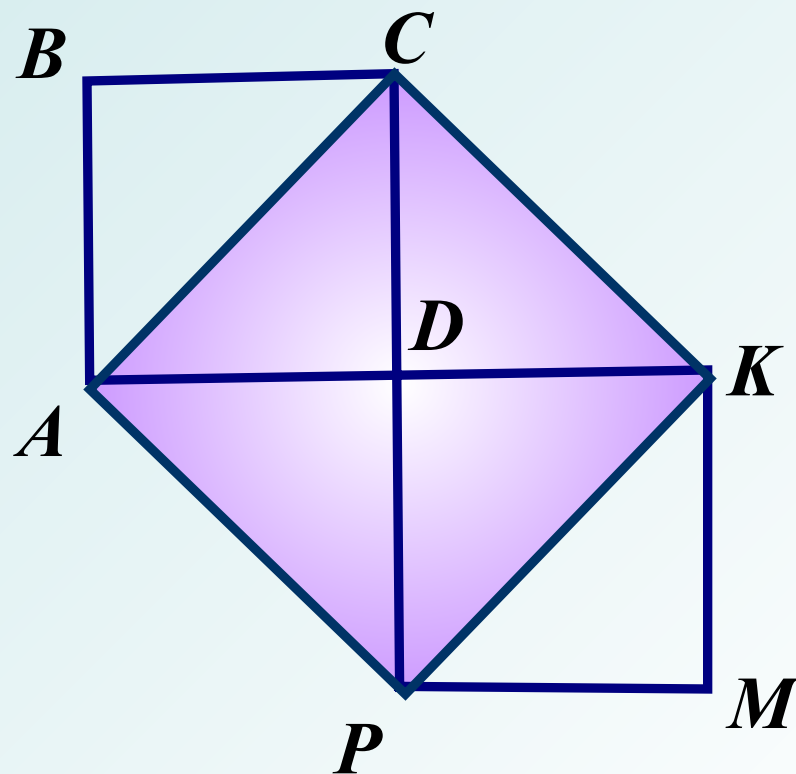


6.

**Дано:**  $AB = 8\sqrt{2}$

$ABCD$  è  $DKMP$  –  $\delta\alpha\acute{\alpha}\acute{\iota}\acute{\iota}\grave{\alpha}$   $\acute{e}\acute{\alpha}\grave{\alpha}\grave{\alpha}\delta\grave{\alpha}\grave{\alpha}\acute{\iota}$

**Найти:**  $S_{\triangle A\tilde{N}E\tilde{D}}$ ,  $\tilde{D}_{\triangle A\tilde{N}E\tilde{D}}$





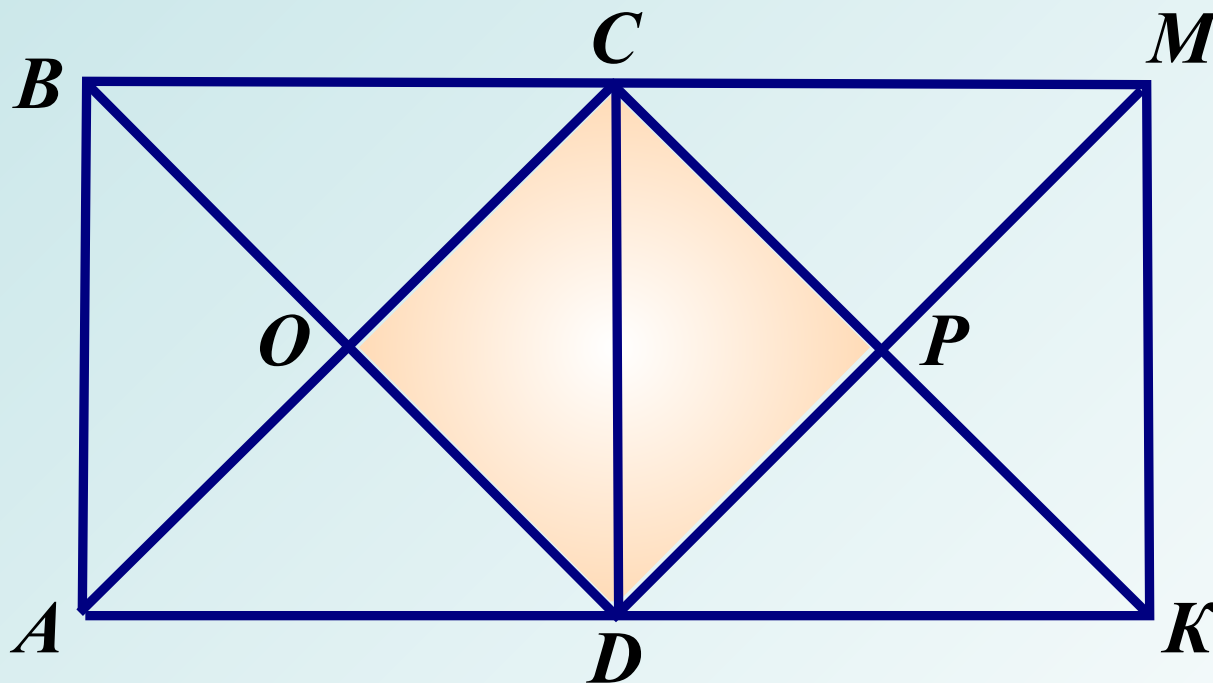
7.

**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:**

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



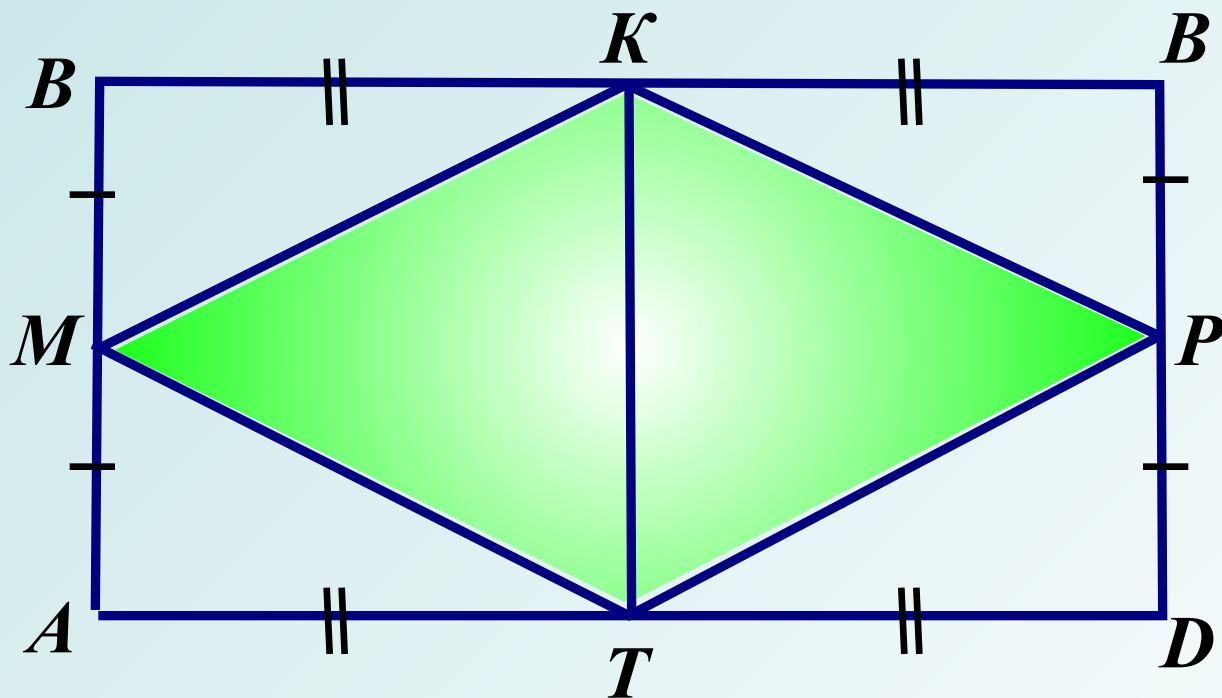
8.

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:

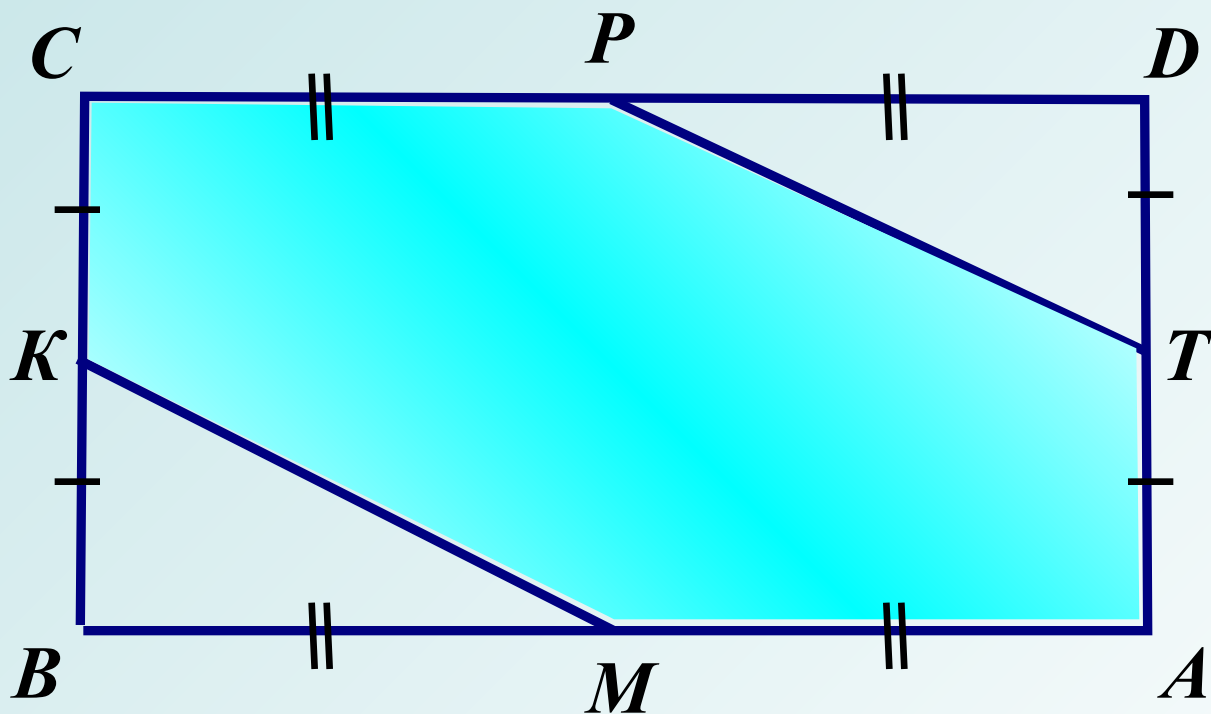
$S_{\text{i}\hat{\text{E}}\text{D}\text{O}}$



9.

**Дано:**  $ABCD$  –  $\text{ïđÿìîóãîëü}$   $\text{íèê}$   
 $AA' = 16\text{ñì}$ ,  $AD = 10\text{ñì}$

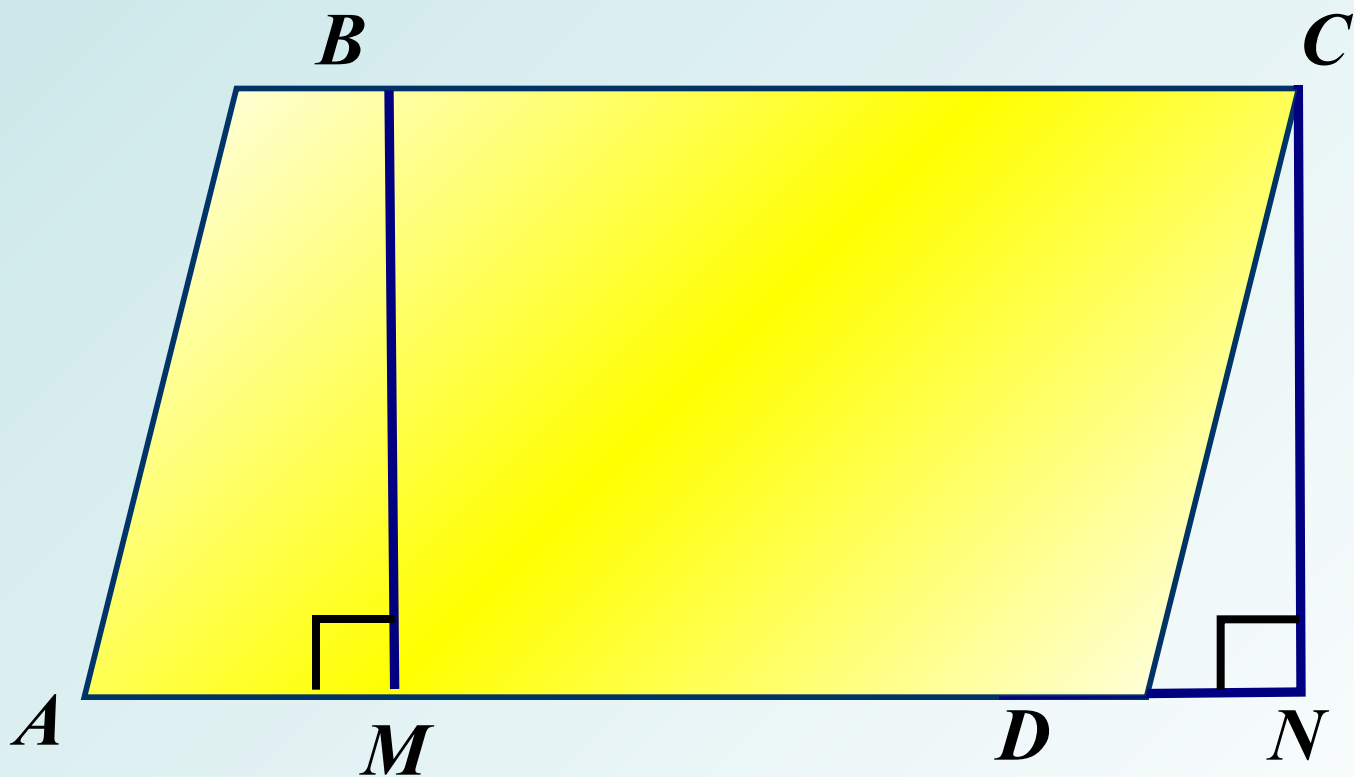
**Найти:**  $S_{\text{ìÊÑÐÒÀ}}$



10.

**Дано:**  $ABCD$  – трапеция  
 $AM = 4$ ,  $DN = 6$

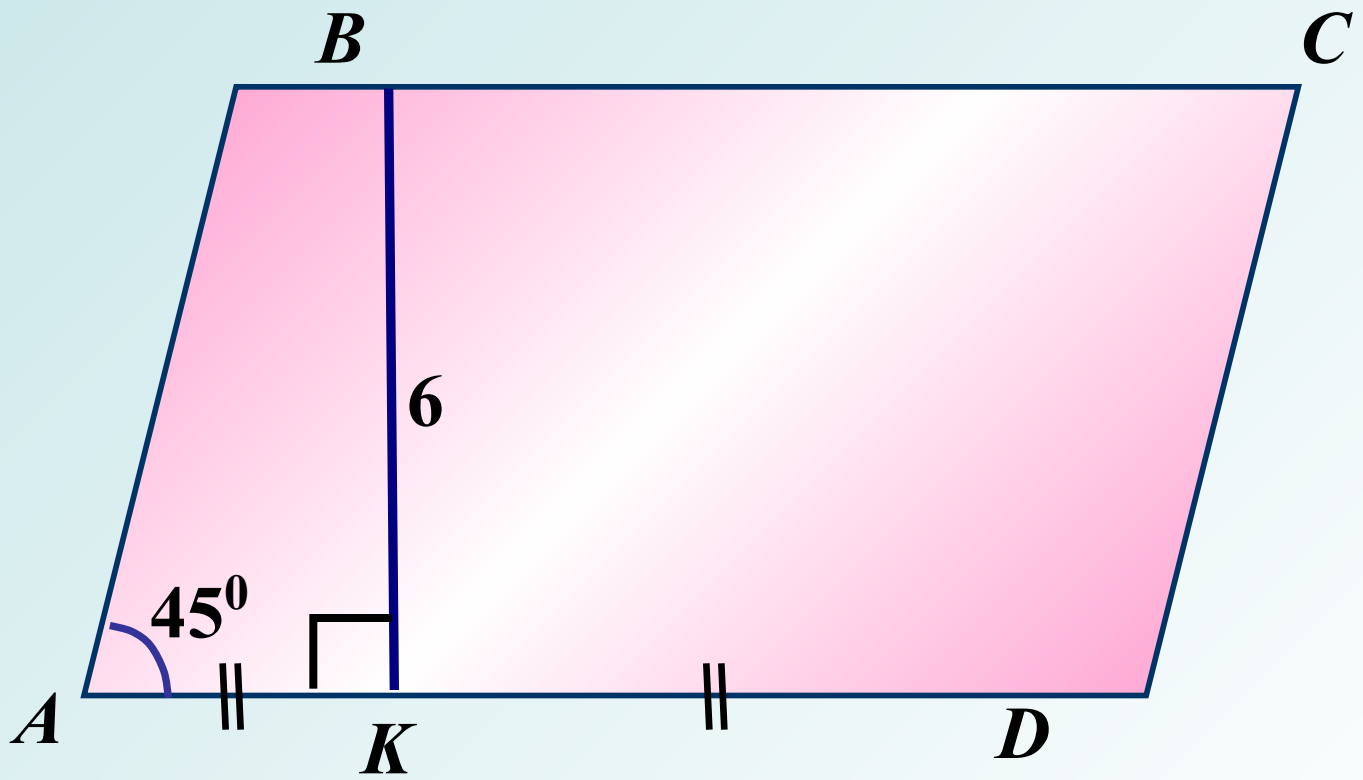
**Найти:**  $S_{ABCD}$



11.

Дано:  $ABCD$  – трапеция

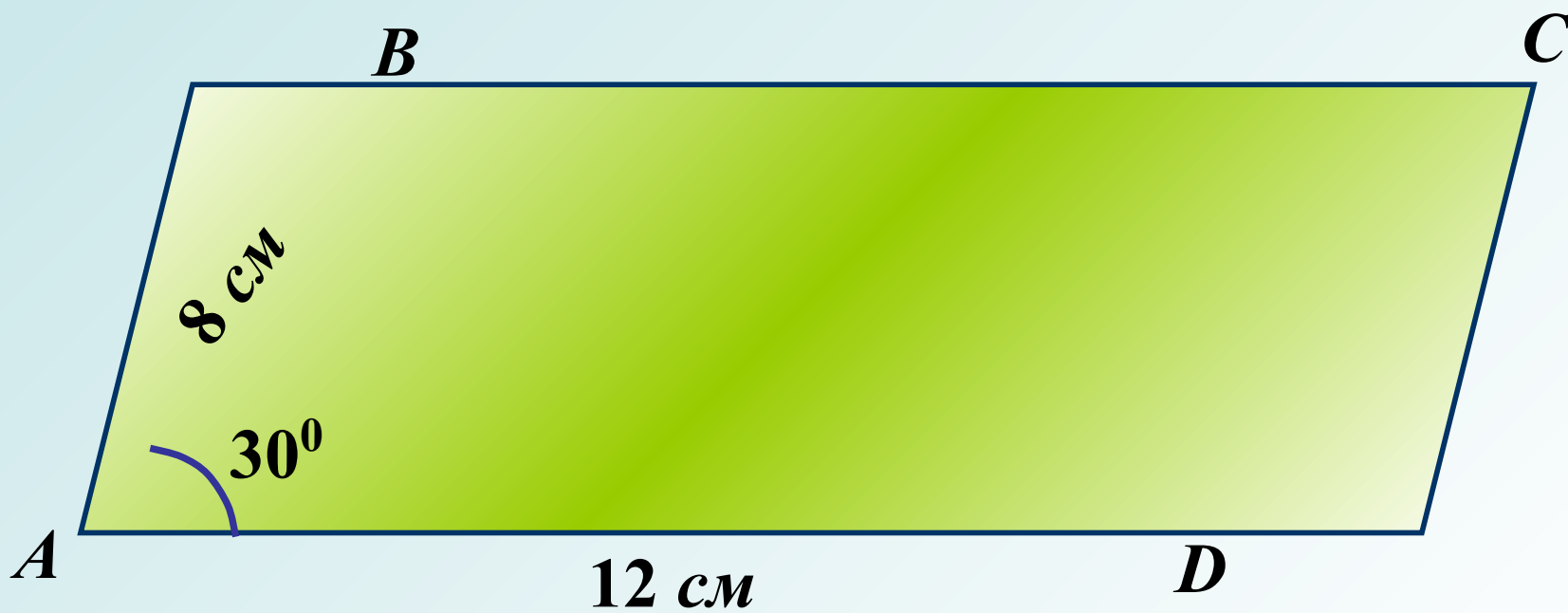
Найти:  $S_{ABCD}$



12.

Дано:  $ABCD$  – параллелограмм

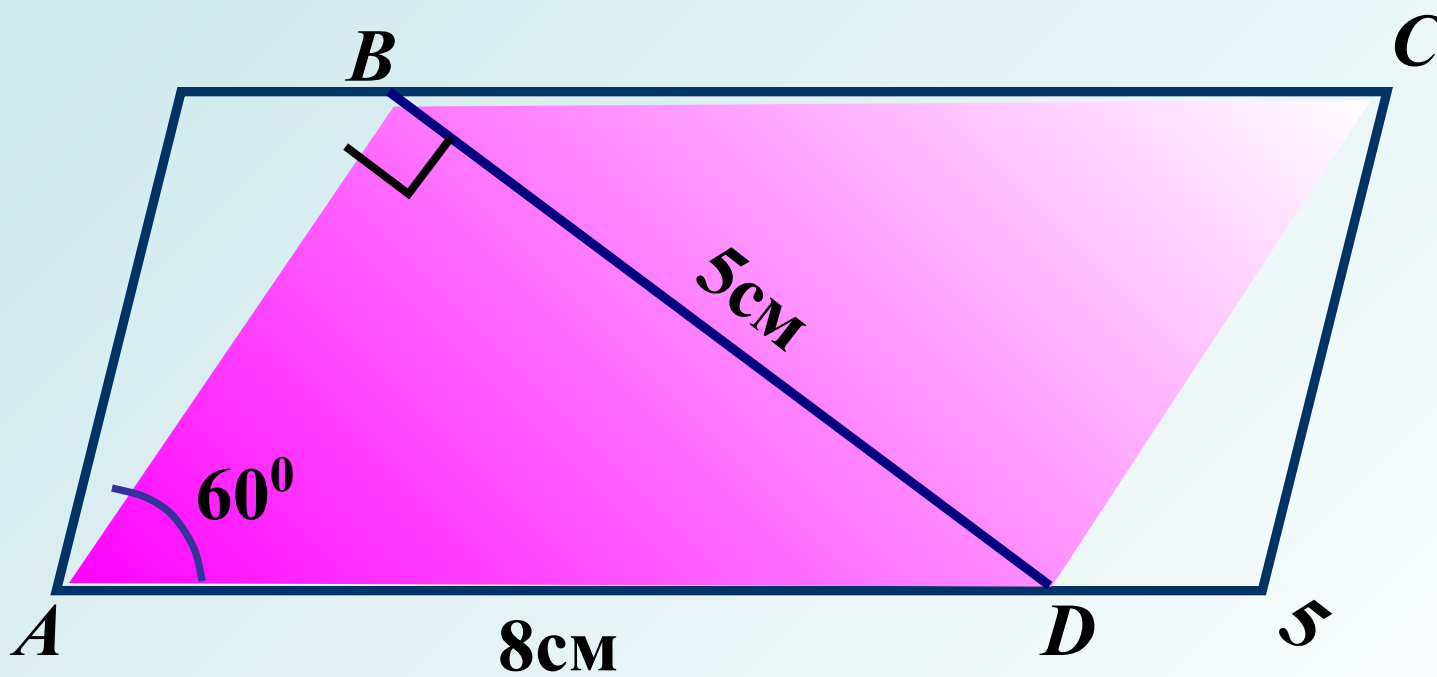
Найти:  $S_{ABCD}$



13.

Дано:  $ABCD$  – параллелограмм

Найти:  $S_{ABCD}$

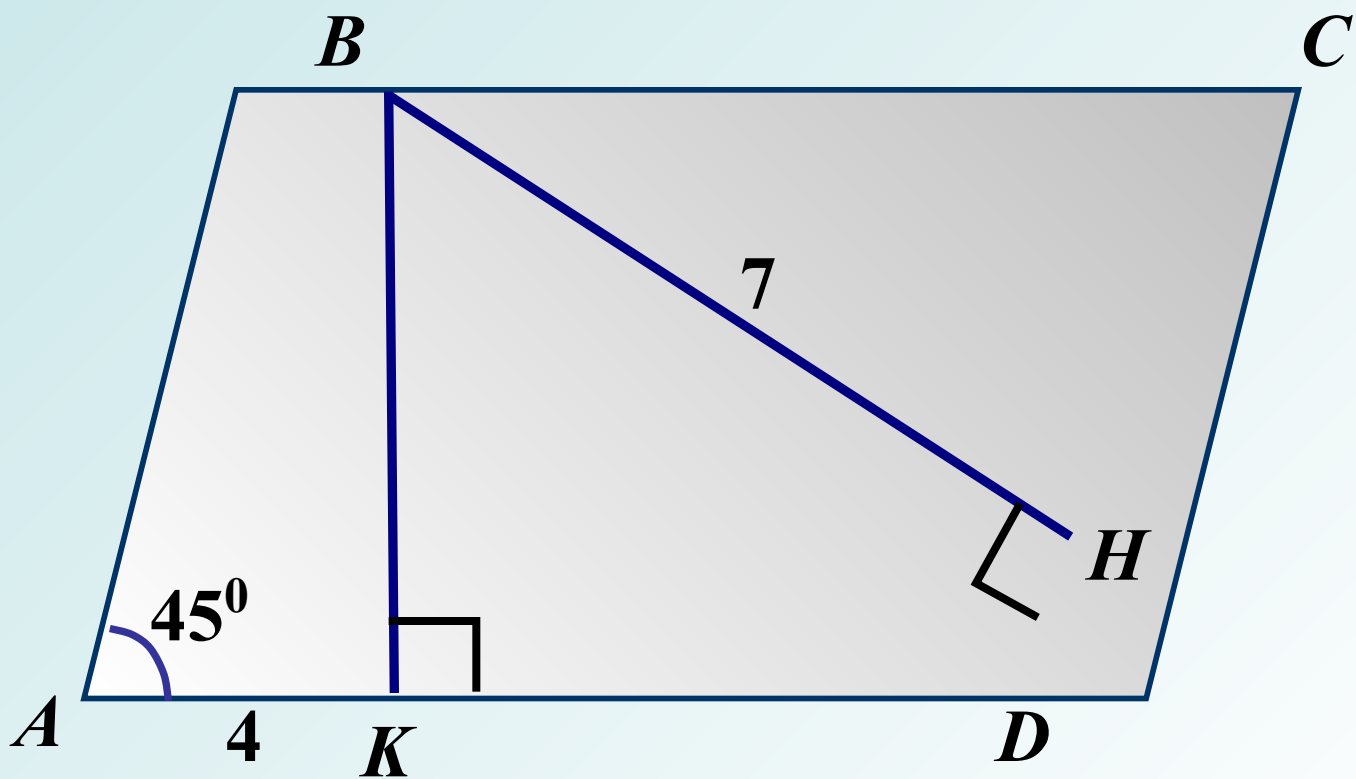


14.

Дано:  $ABCD$  –  $\text{ïàðàëëäëïä ðàìì}$

Найти:

$S_{ABCD}$



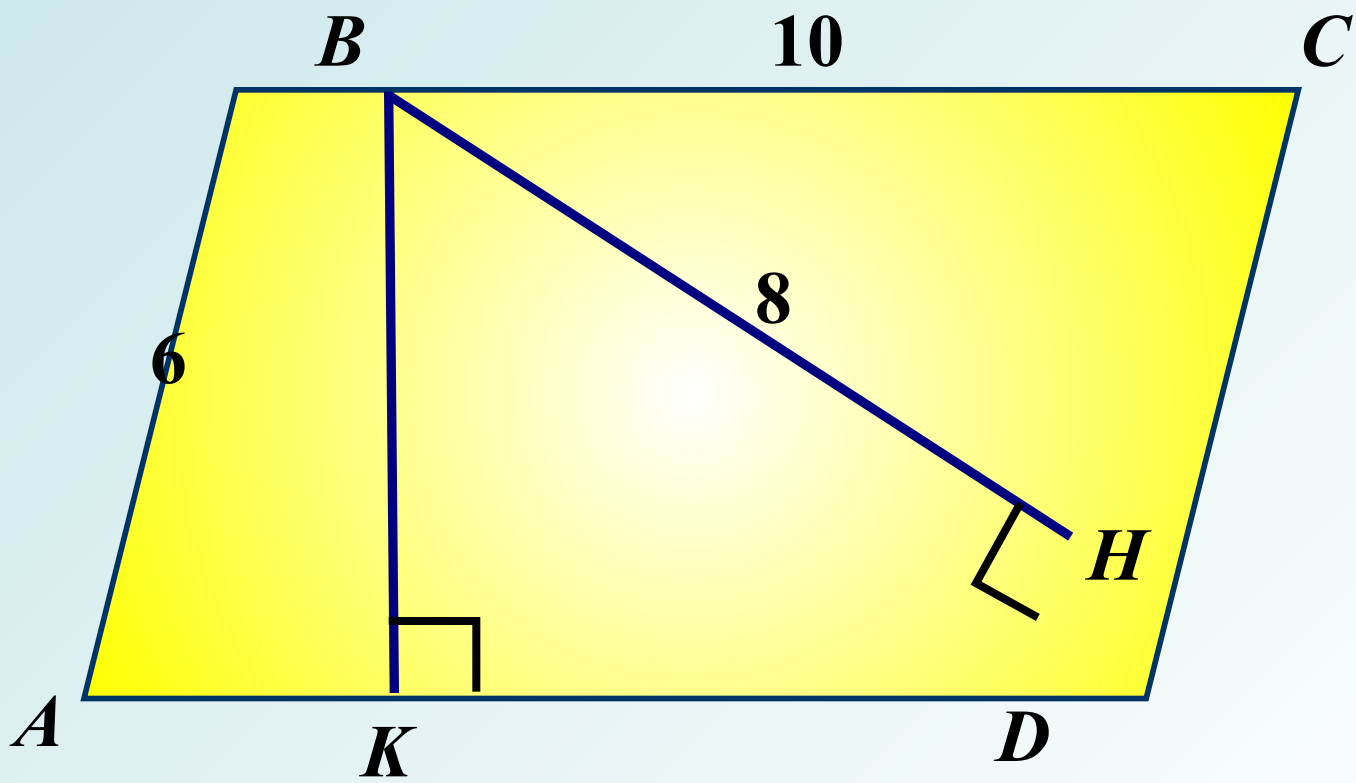


15.

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:

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

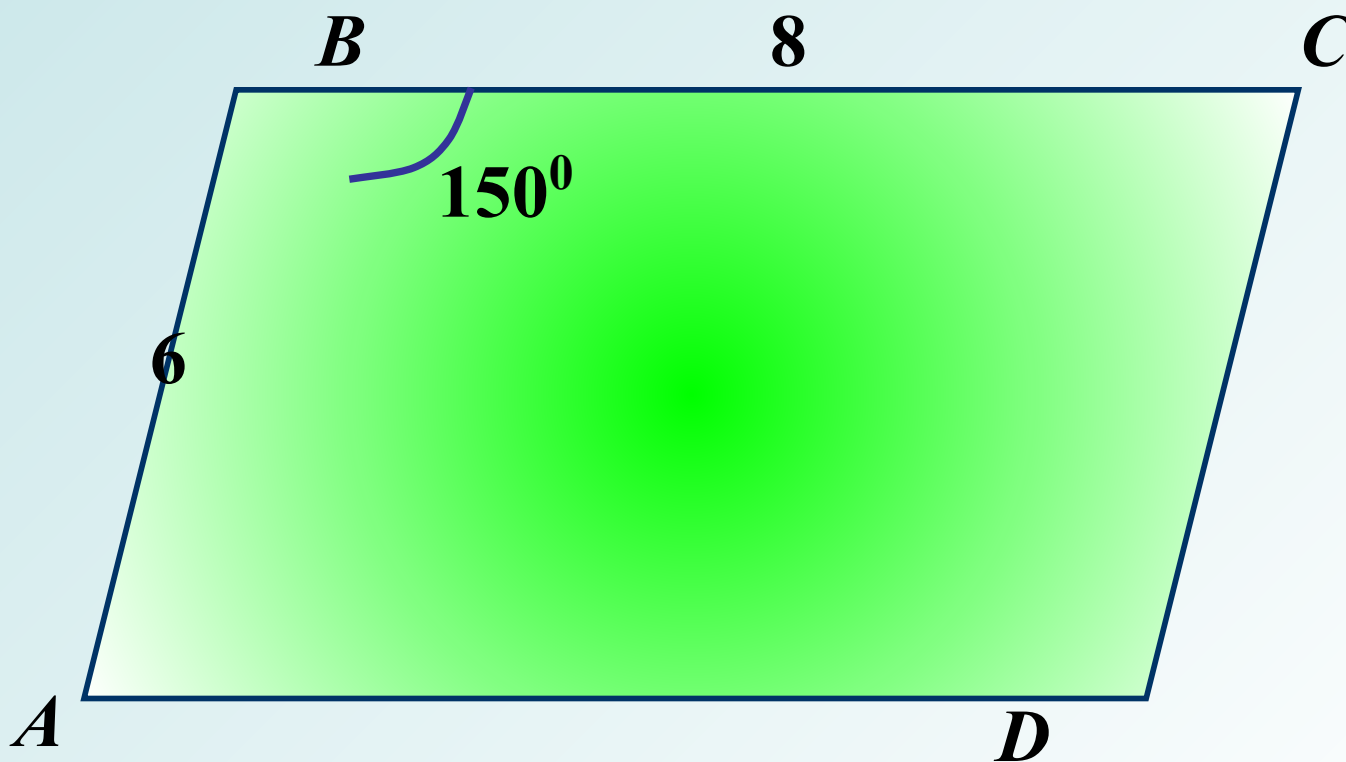


16.

Дано:  $ABCD$  –  $\text{ïàðàëëäëïä ðàìì}$

Найти:

$S_{ABCD}$



17.

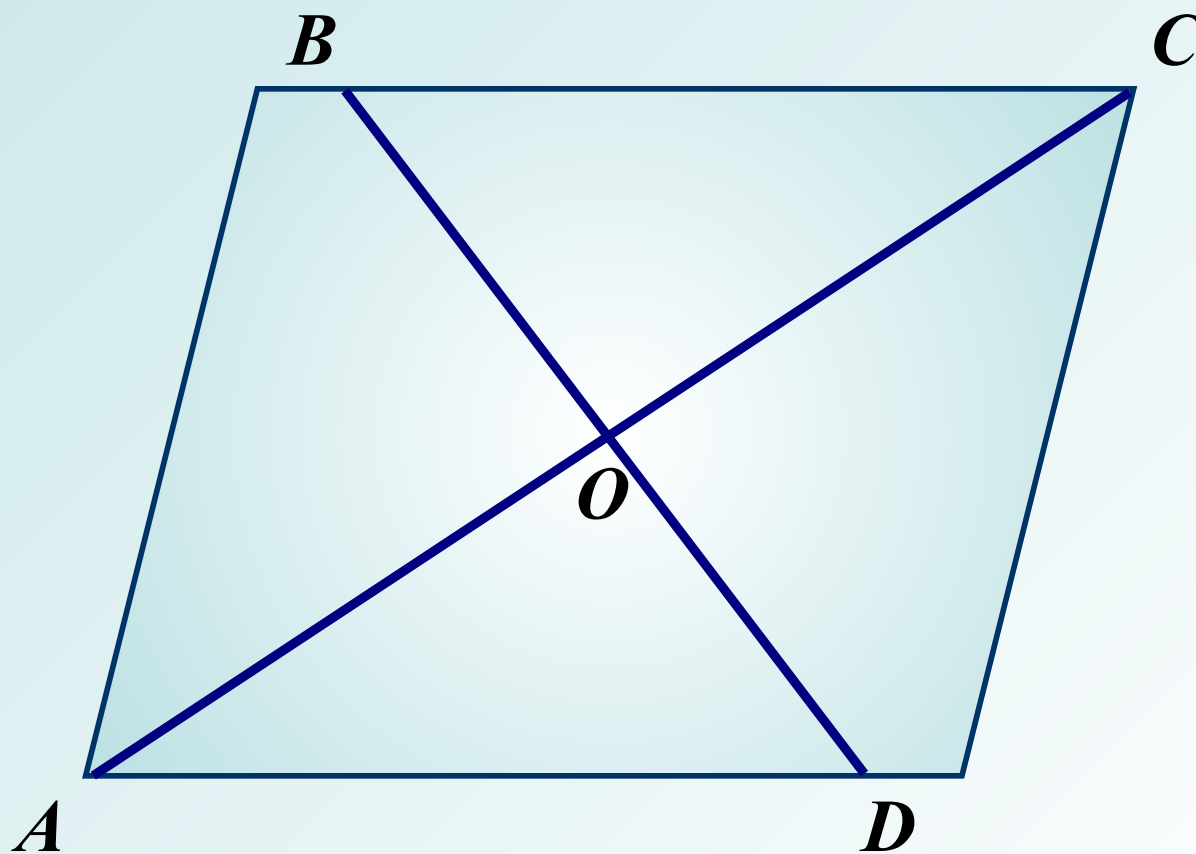
**Дано:**

$ABCD$  –  $\delta$

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

**Найти:**

$$S_{ABCD}$$



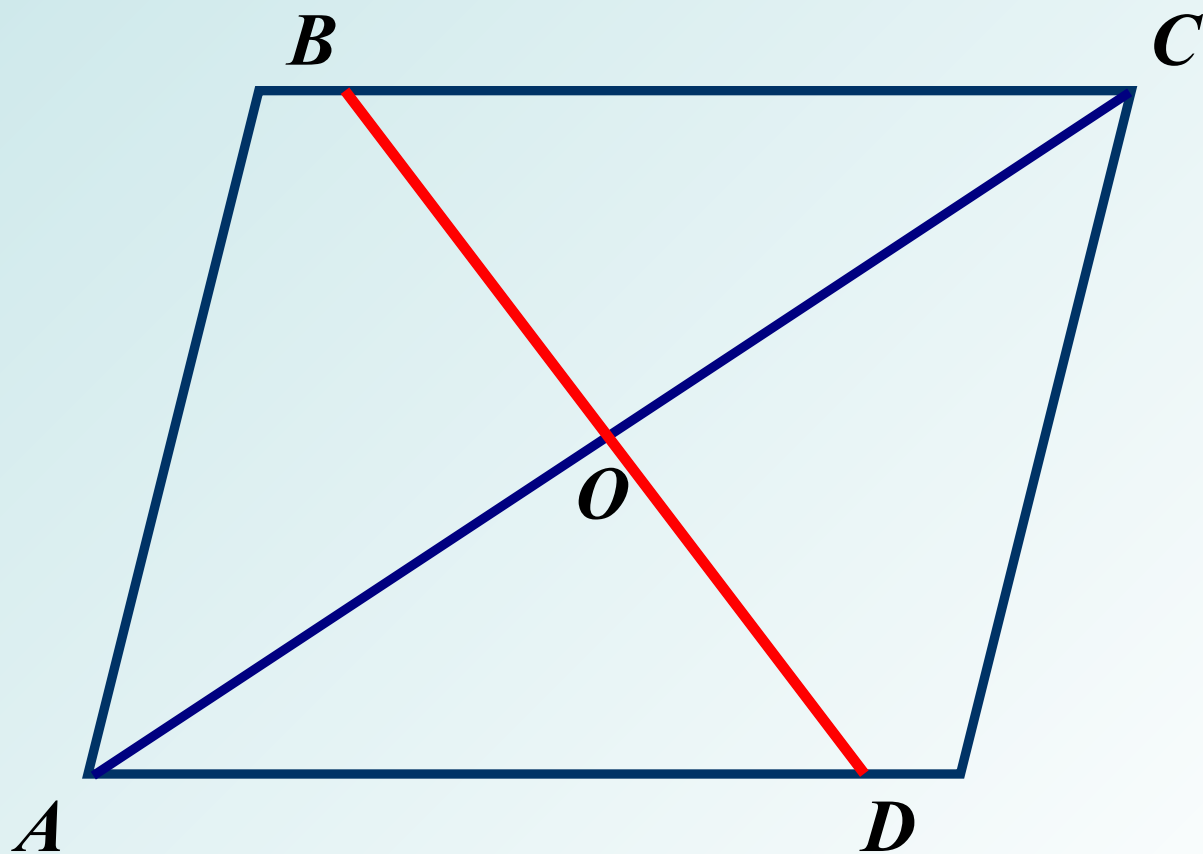
18.

*Дано:*

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

*Найти:*

$BD$

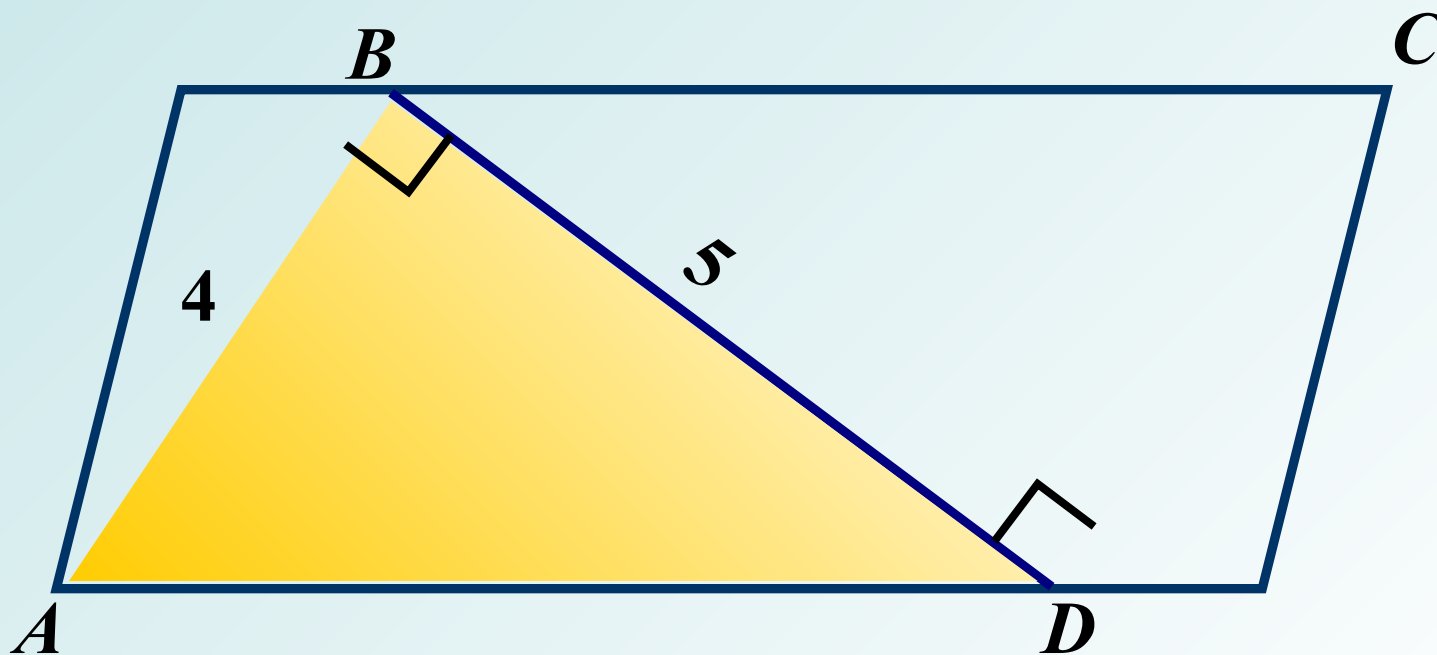


19.

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

Найти:

$$S_{ABD}$$

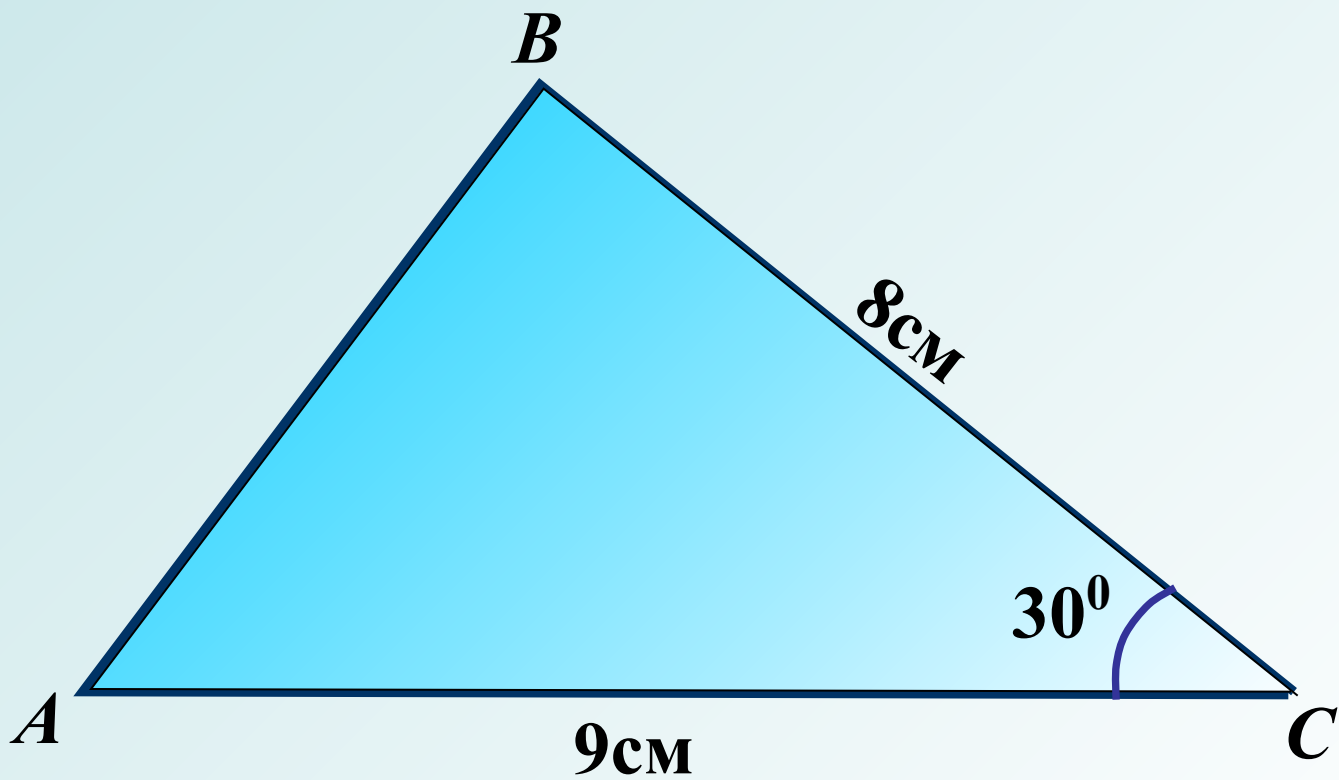


20.

Дано:  $ABC$  – òđáóãîëüíè è

Найти:

$S_{AB\tilde{N}}$

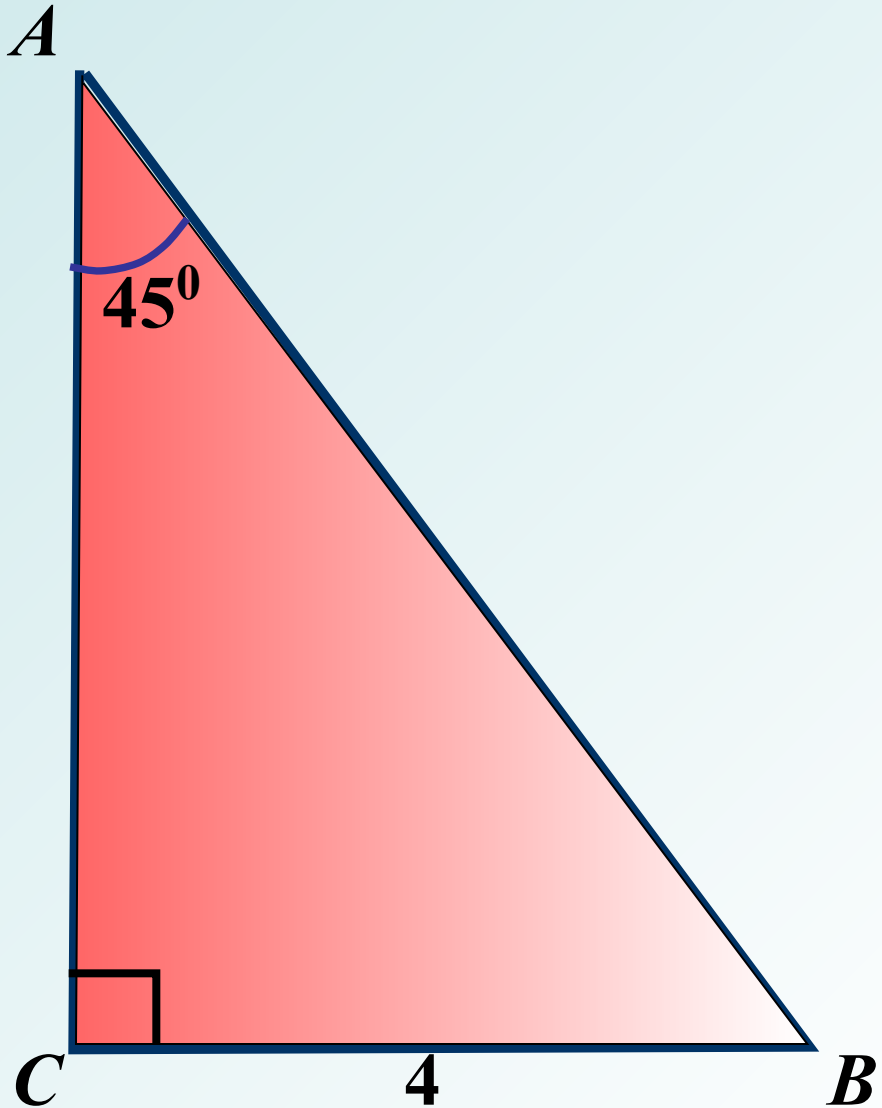


21.

Дано:  $\triangle ABC$  –  $\text{равнобедренный}$   $\hat{C}$

Найти:

$S_{ABN}$



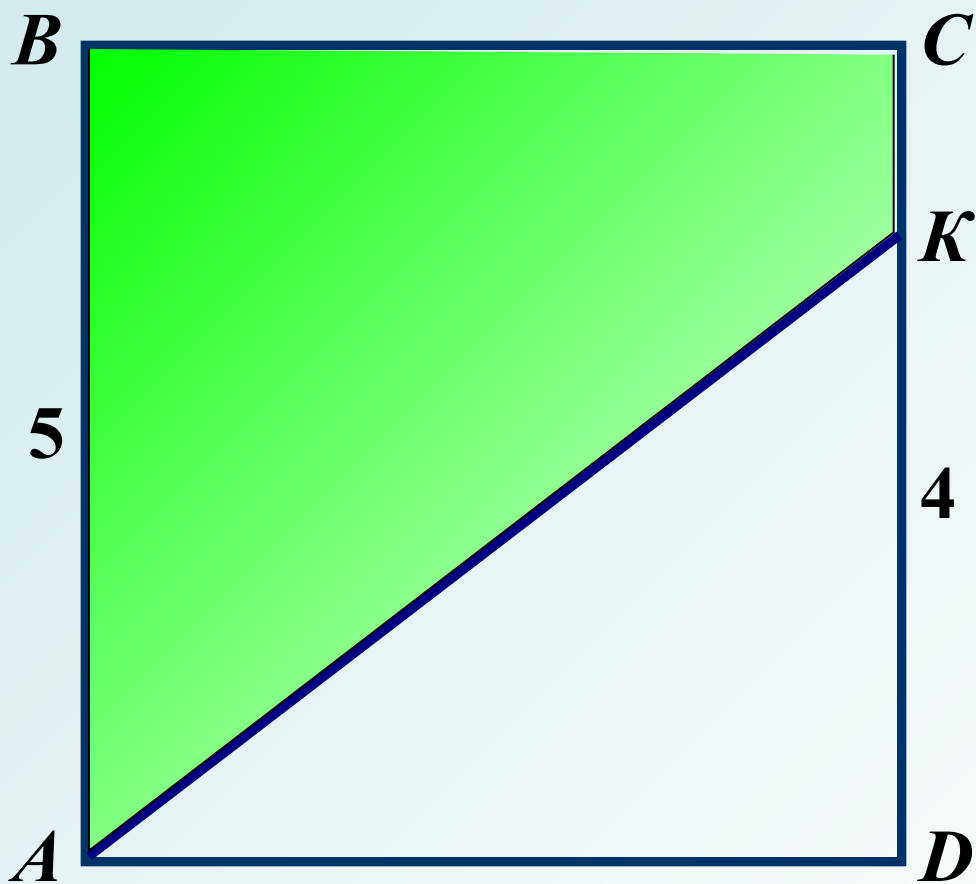
22.

Дано:

$ABCD$  –  $\hat{e}\hat{a}\hat{a}\hat{d}\hat{a}\hat{o}$

Найти:

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





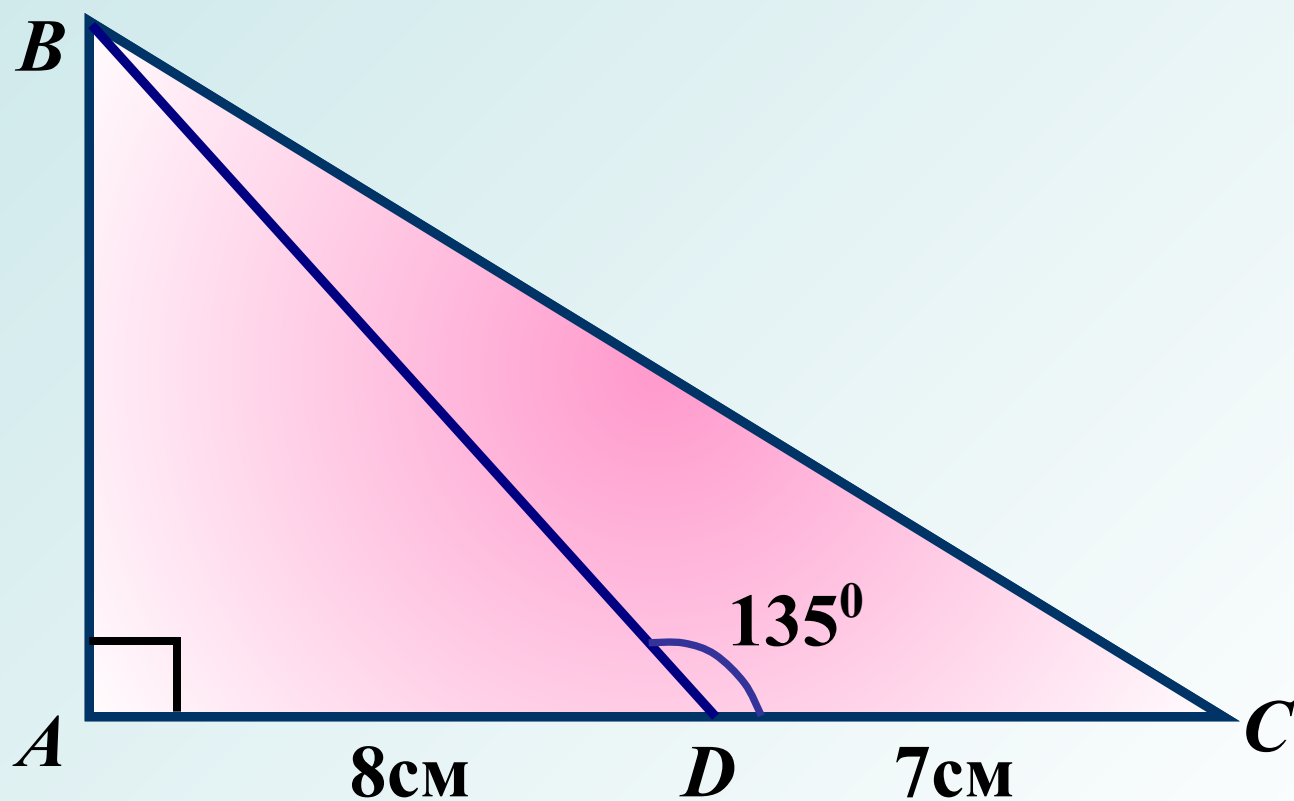
23.

**Дано:**

$ABC$  –  $\hat{A} = 90^\circ$   $\hat{C} = 135^\circ$   $AD = 8\text{ см}$   $DC = 7\text{ см}$

**Найти:**

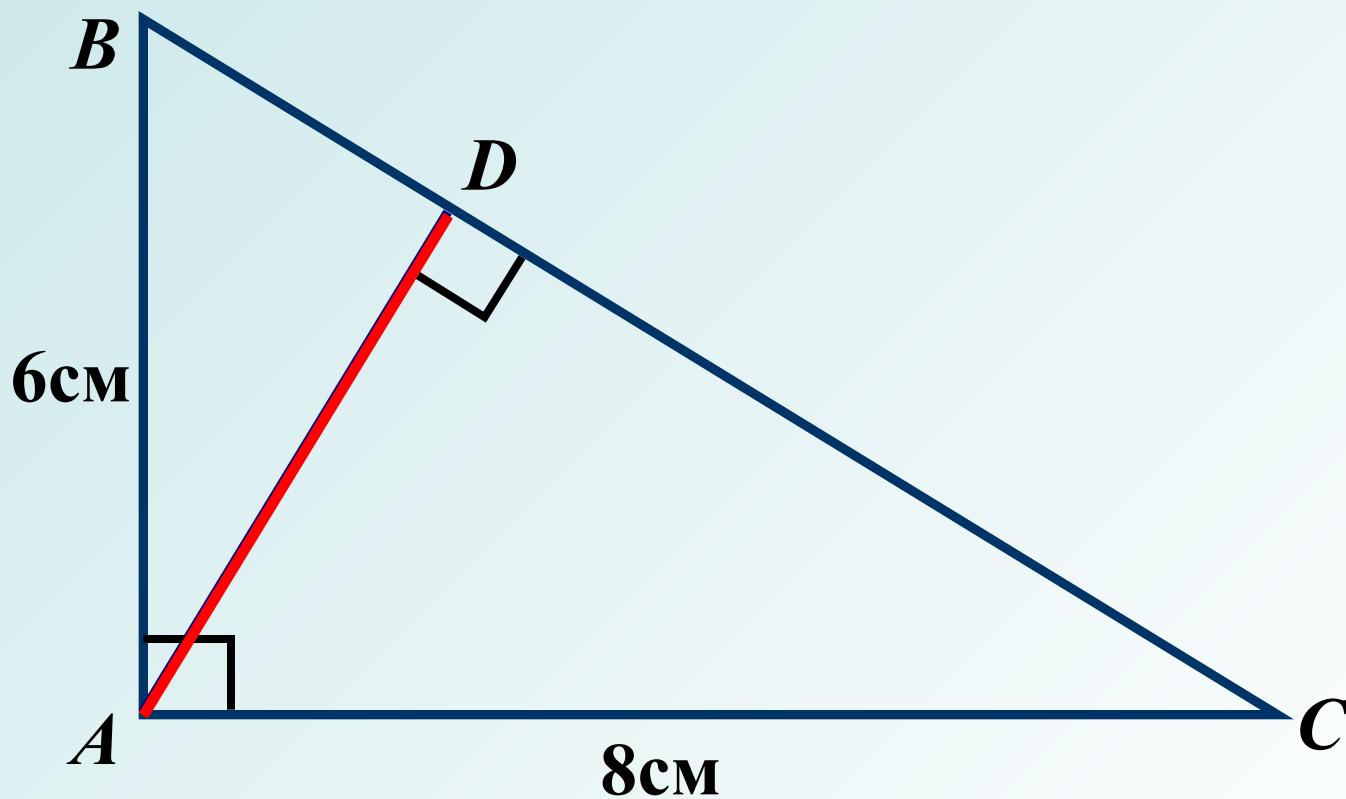
$S_{ABD}$



24.

**Дано:**  $ABC$  –  $\hat{A} = 90^\circ$   
 $BC = 10$

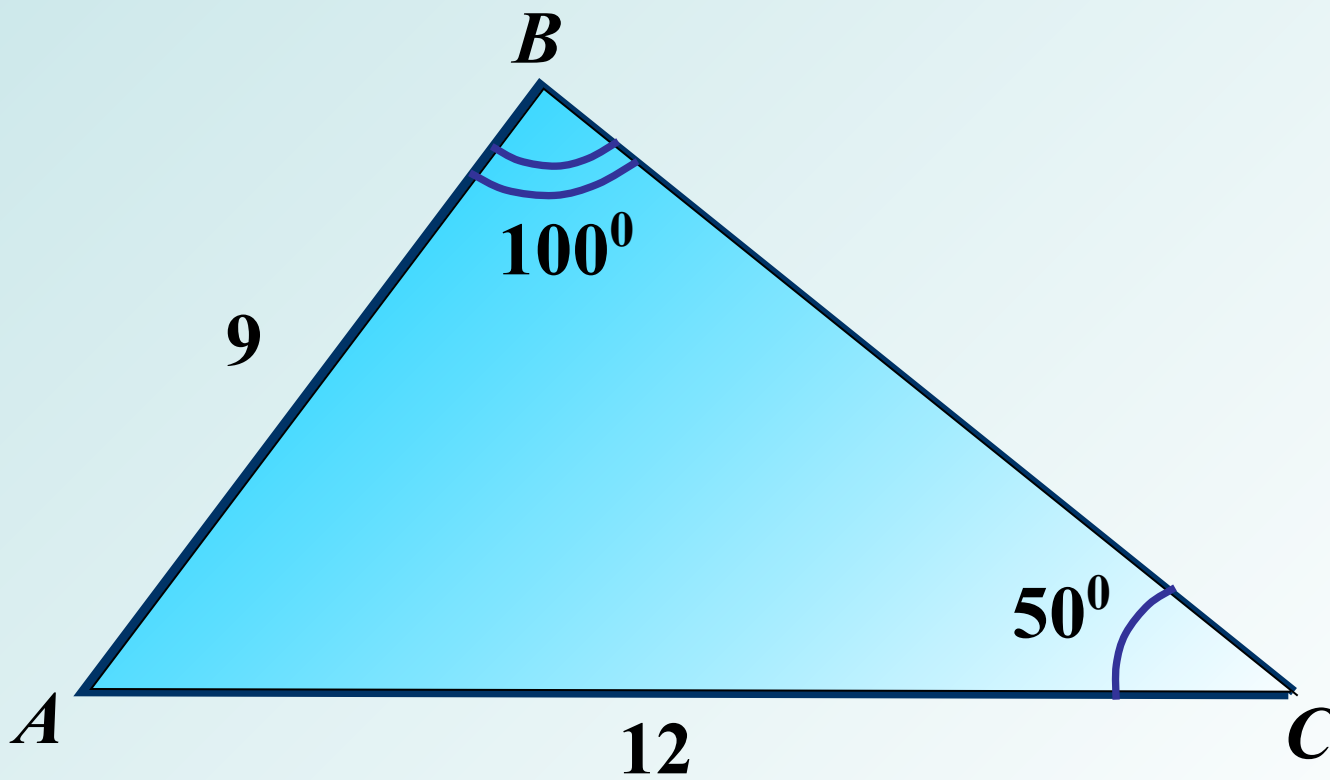
**Найти:**  $ND$



25.

Дано:  $ABC$  –  $\triangle$   $\hat{A} = 100^\circ$   $\hat{C} = 50^\circ$

Найти:  $S_{ABN}$



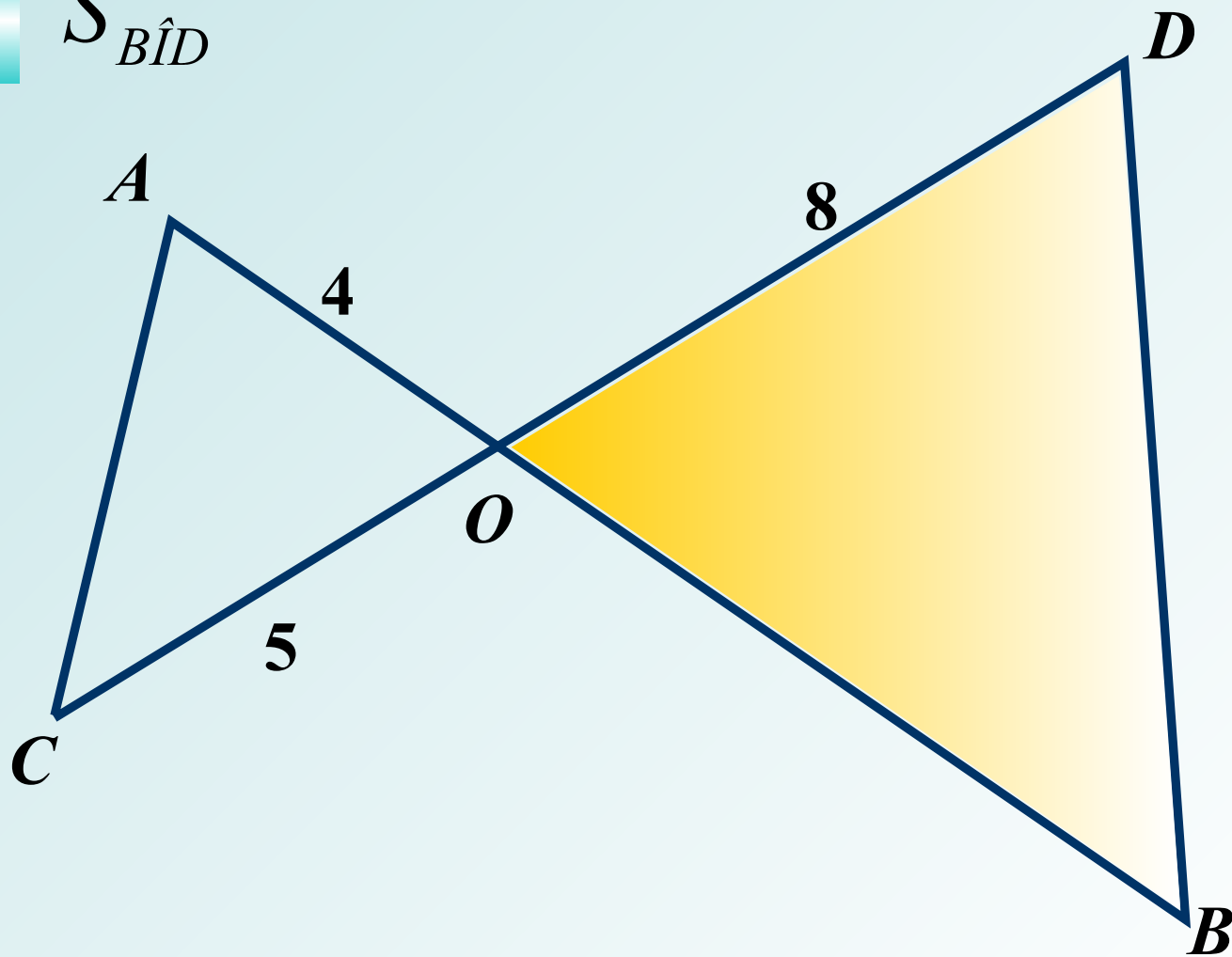
26.

**Дано:**

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

**Найти:**

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



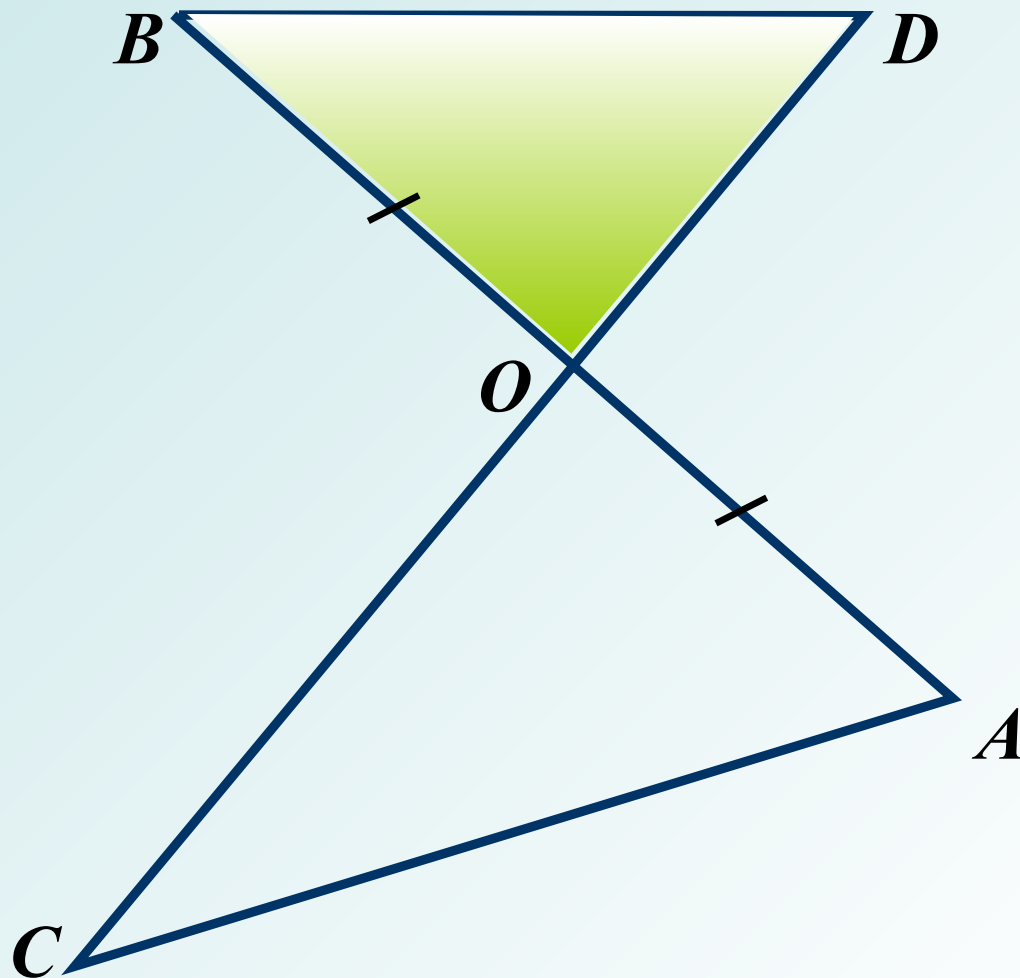
27.

**Дано:**

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

**Найти:**

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



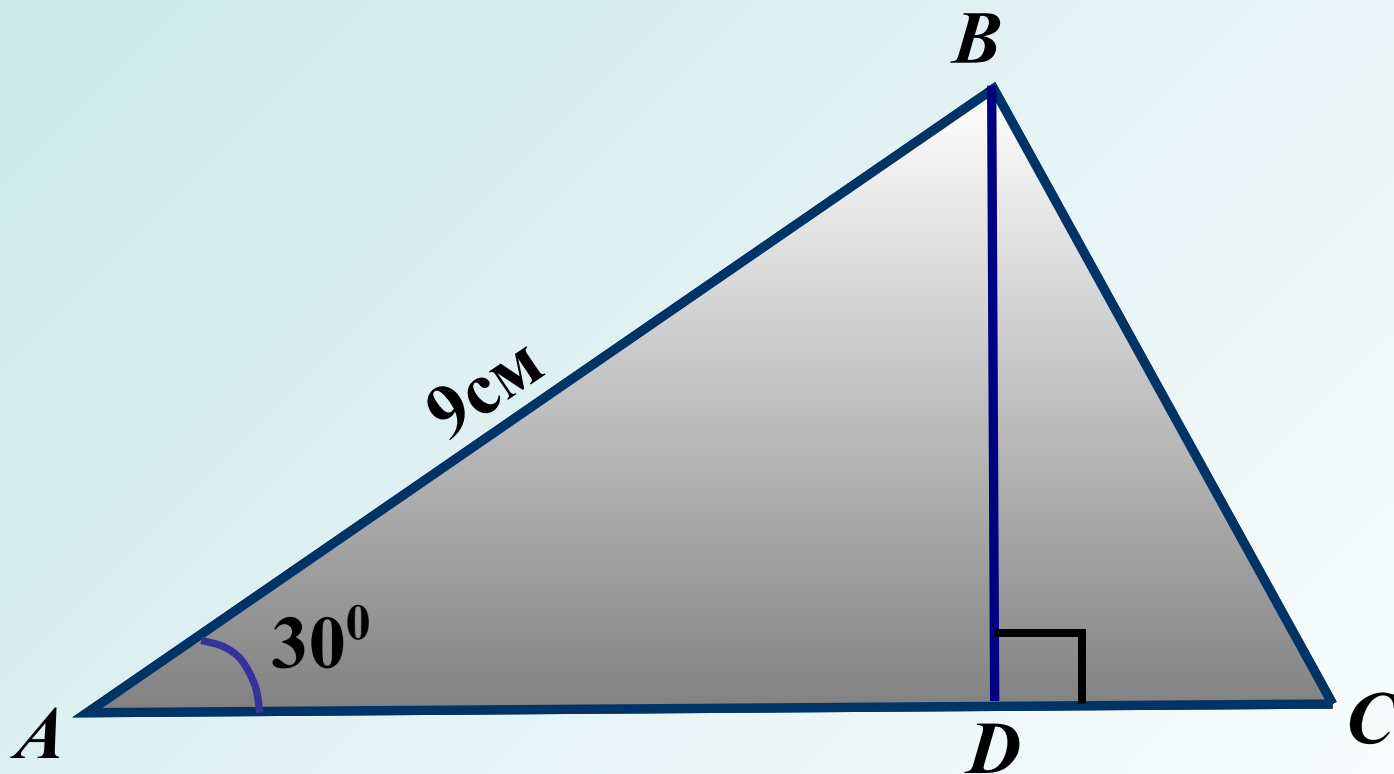
28.

**Дано:**

$ABC$  –  $\triangle$   
 $AC = 12$  см

**Найти:**

$S_{ABD}$

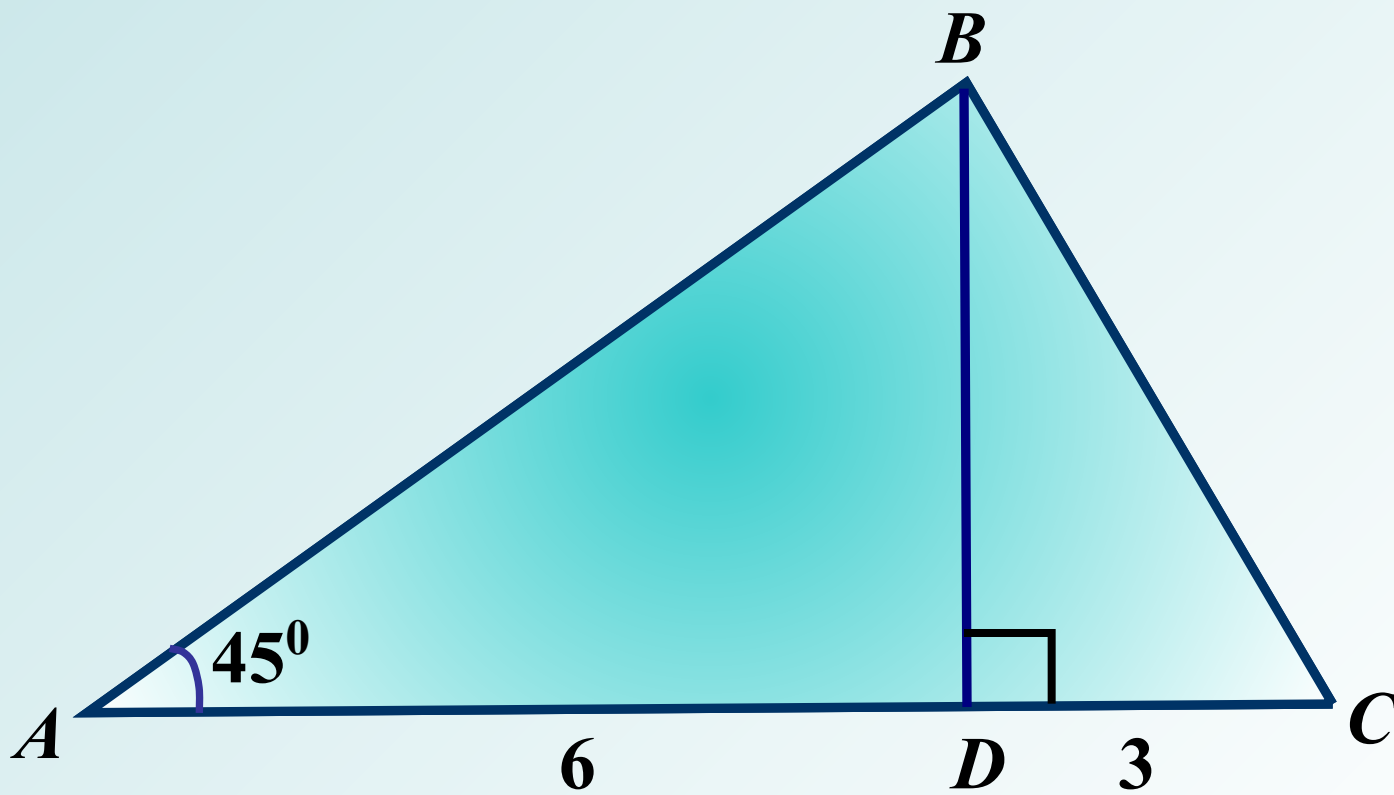


29.

Дано:  $ABC$  –  $\triangle$   $\hat{C} = 90^\circ$

Найти:

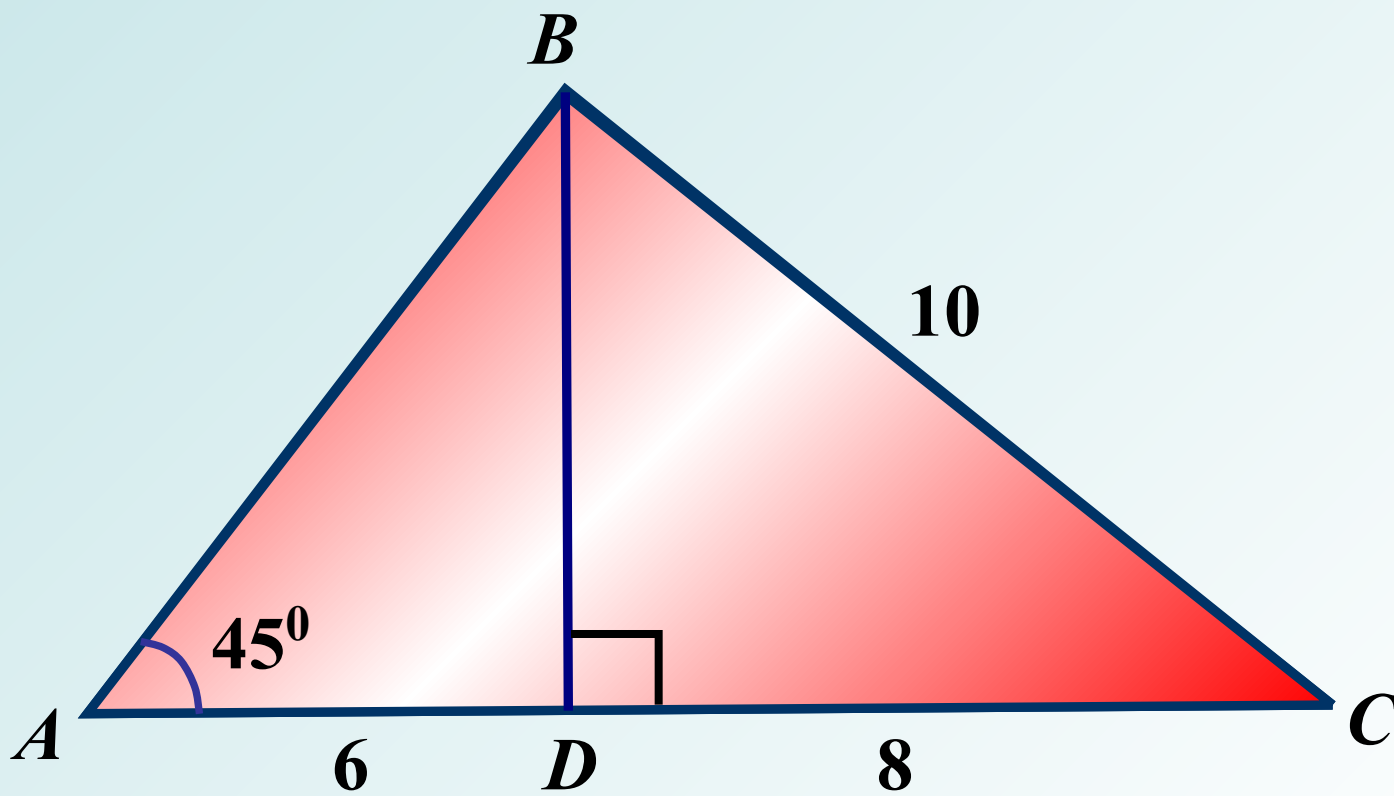
$$S_{ABD}$$



30.

**Дано:**  $ABC$  –  $\triangle$  с  $\angle A = 45^\circ$

**Найти:**  $S_{ABD}$ ,  $BD$





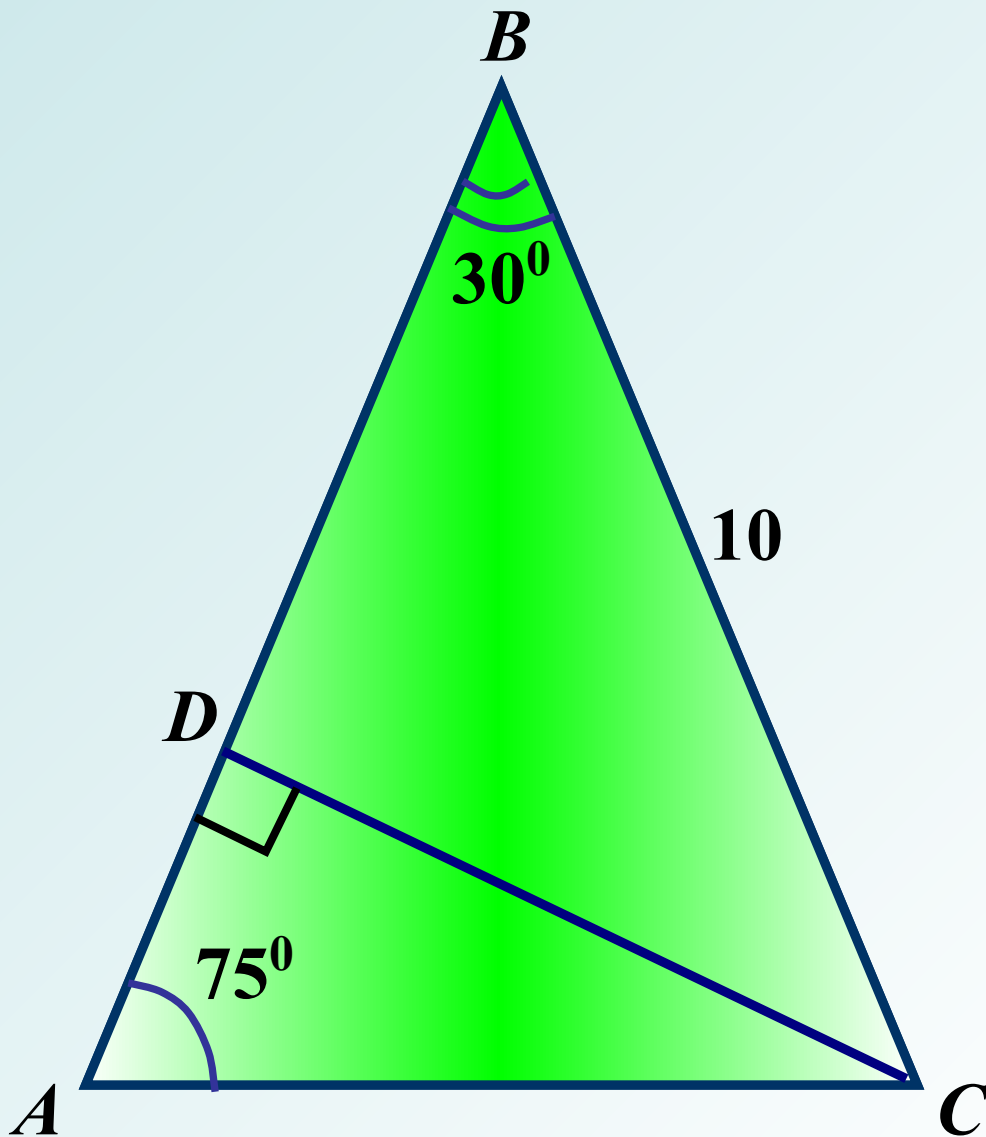
31.

*Дано:*

$\triangle ABC$  – *đàâíîáâđđâ ííêé*

*Найти:*

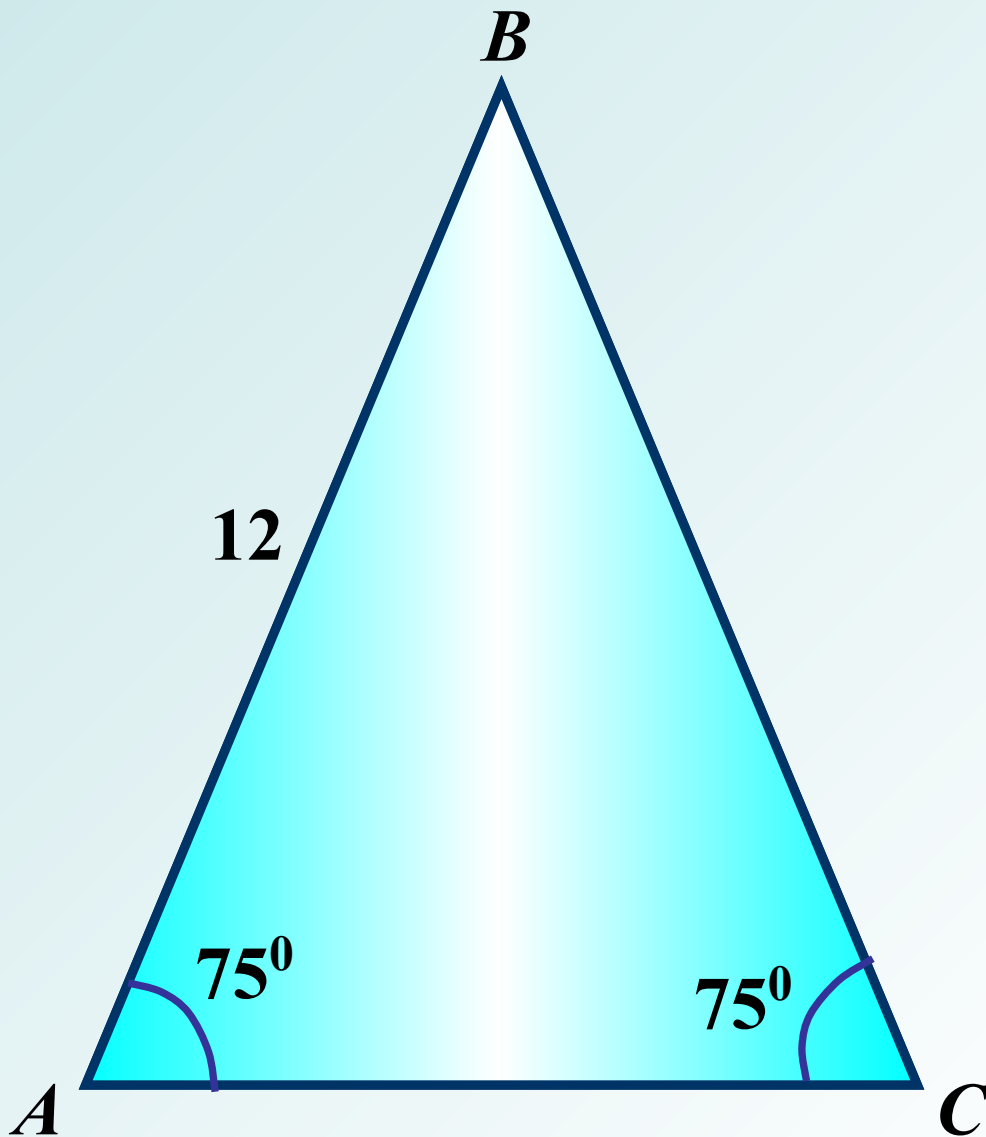
$S_{AB\tilde{N}}$



32.

Дано:  $\triangle ABC$

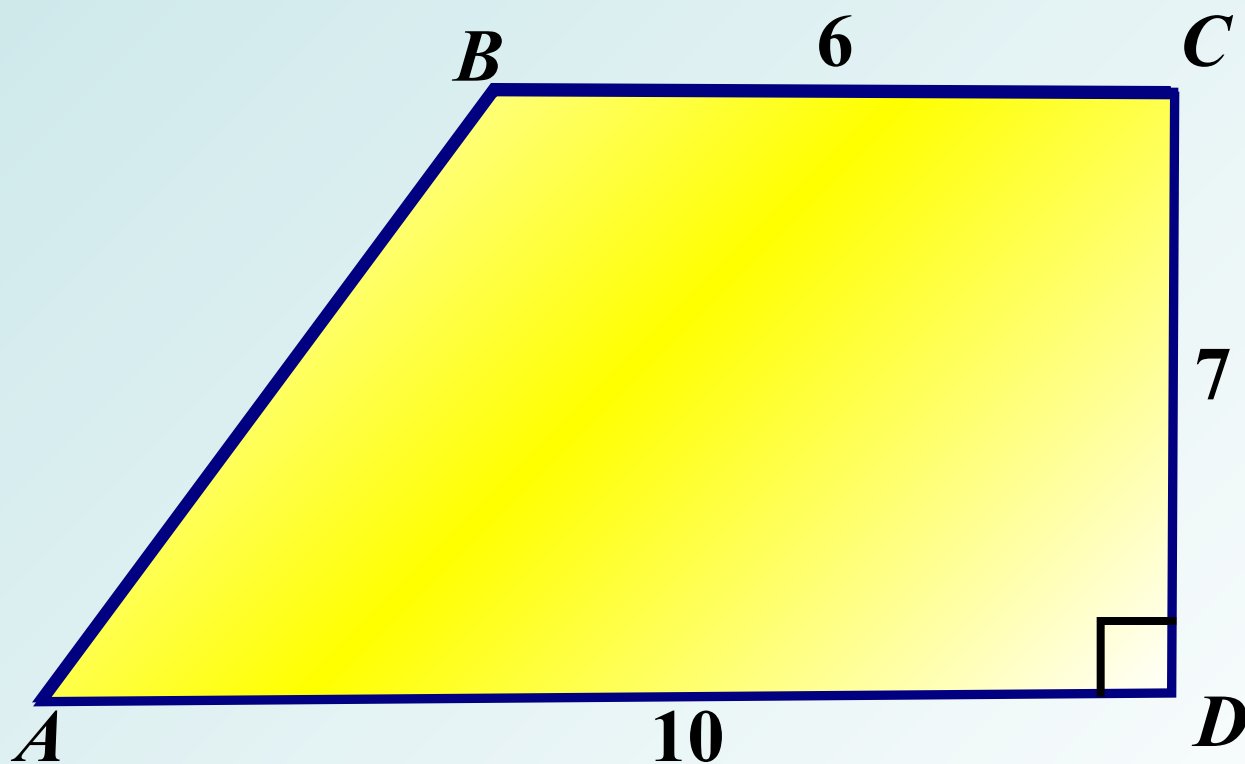
Найти:  $S_{AB\tilde{N}}$



33.

Дано:  $ABCD$  –  $\text{òđàìäöèÿ}$

Найти:  $S_{AB\tilde{N}D}$



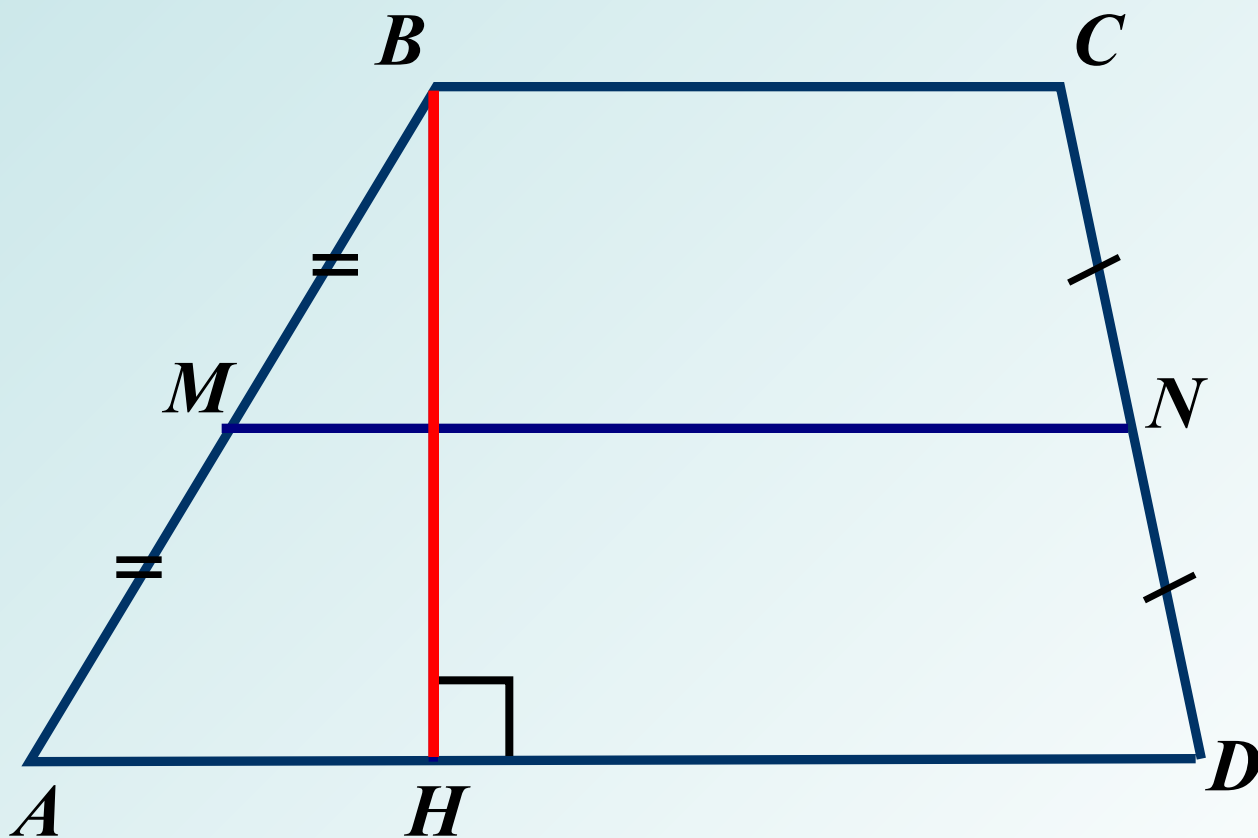
34.

**Дано:**

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

**Найти:**

$BH$



35.

**Дано:**  $ABCD$  – трапеция

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

**Найти:**  $BK$ ,  $AD$

