

*Решение задач
на готовых чертежах.*

Вводное повторение.

Геометрия.

9 класс.

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МОУ СОШ №256 г. Фокино*



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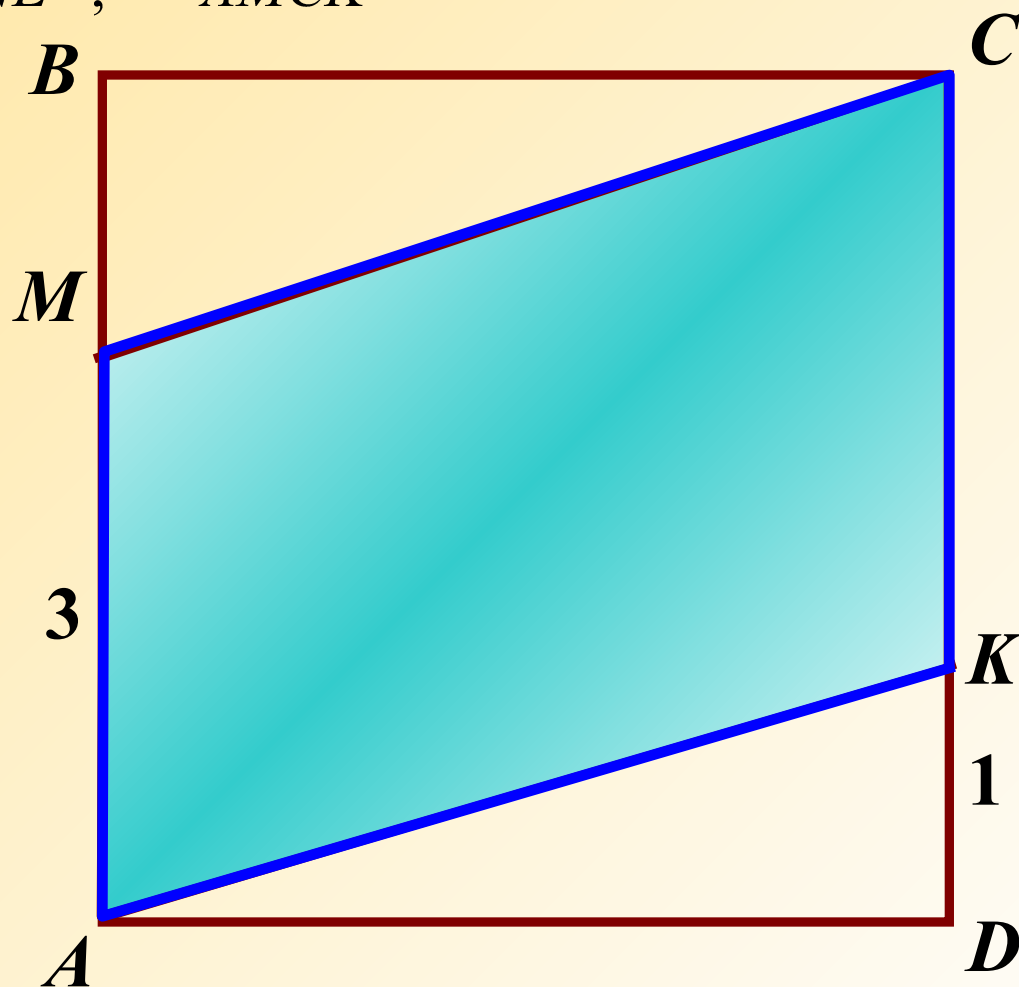
1.

Дано:

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

Найти:

$P_{A\hat{I}\hat{N}\hat{E}}$, S_{AMCK}



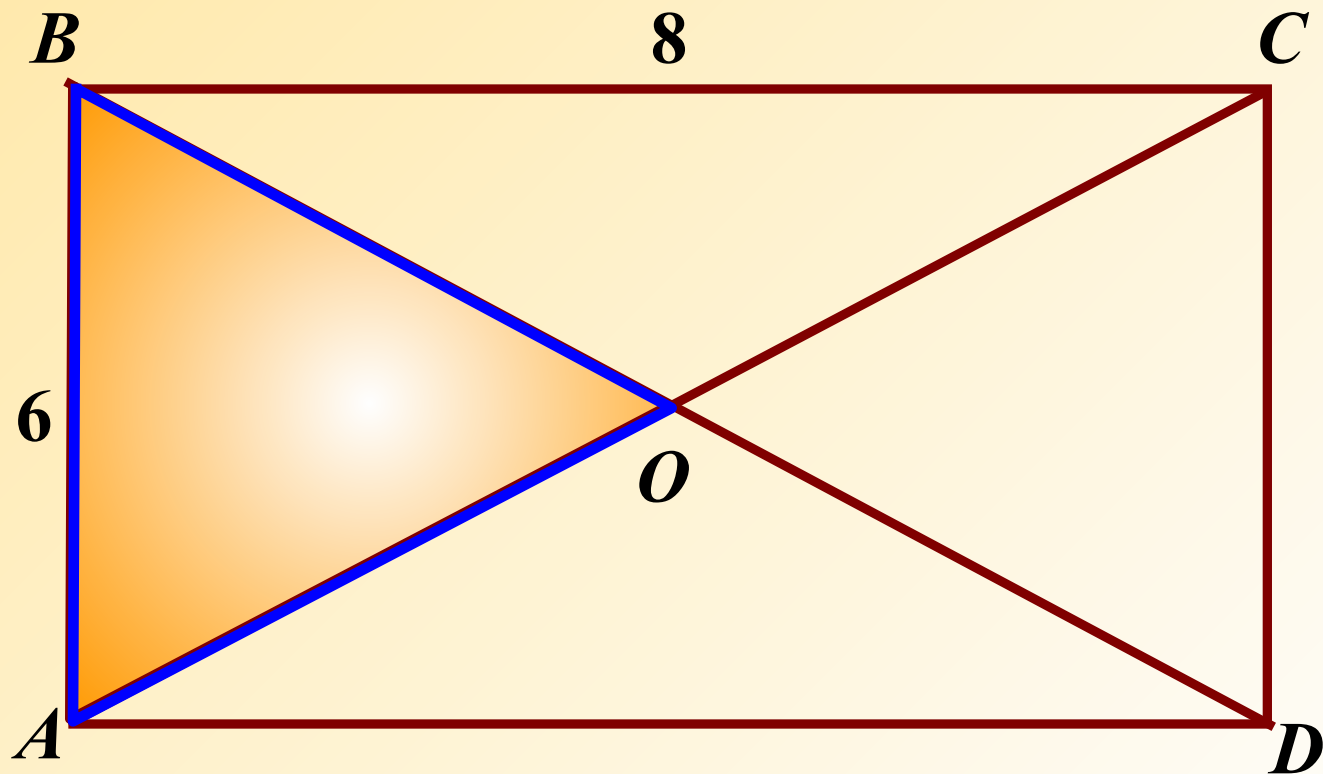
2.

Дано:

$ABCD$ – *прямоугольник*

Найти:

P_{AOB} , S_{AOB}



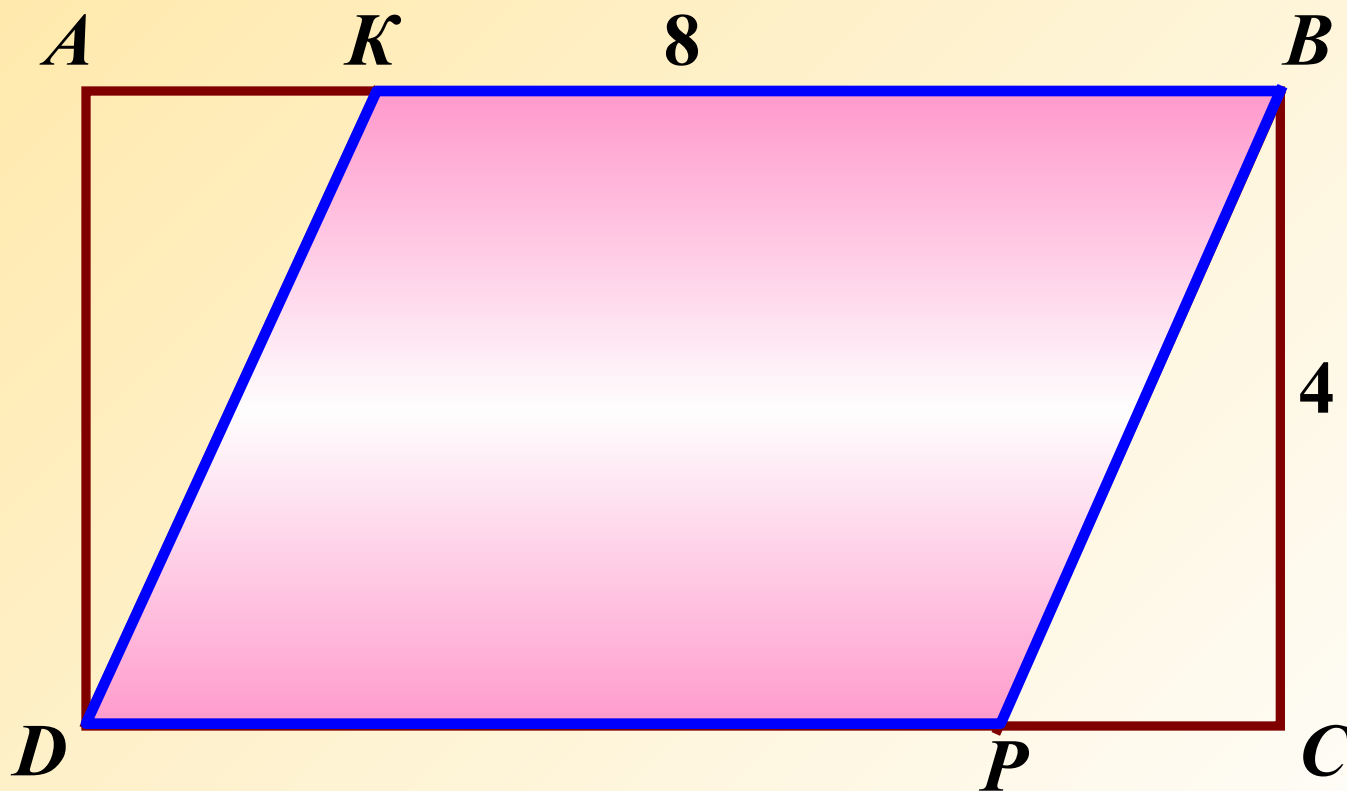
3.

Дано:

$ABCD$ – $i\ddot{o}\ddot{y}\ddot{i}\ddot{i}\ddot{o}\ddot{a}\ddot{i}\ddot{e}\ddot{u}$ $i\grave{e}\acute{e}$,
 $AA^{\wedge} = 8$, $A\grave{E} : A^{\wedge}A^{\wedge} = 3 : 8$, $\tilde{N}\grave{D} : CD = 3 : 8$

Найти:

$P_{DKPA^{\wedge}}$, $S_{DKPA^{\wedge}}$



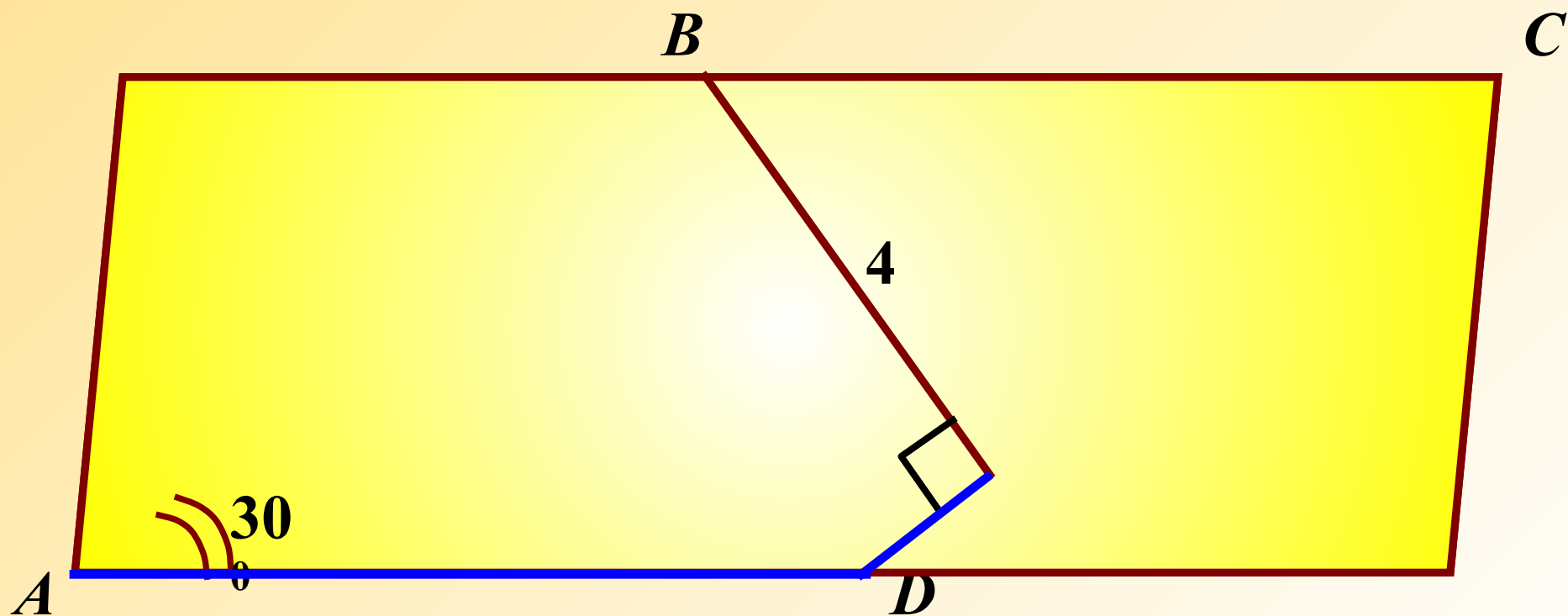
4.

Дано:

$ABCD$ – параллелограм

Найти:

AD, DK, S_{ABCD}



5.

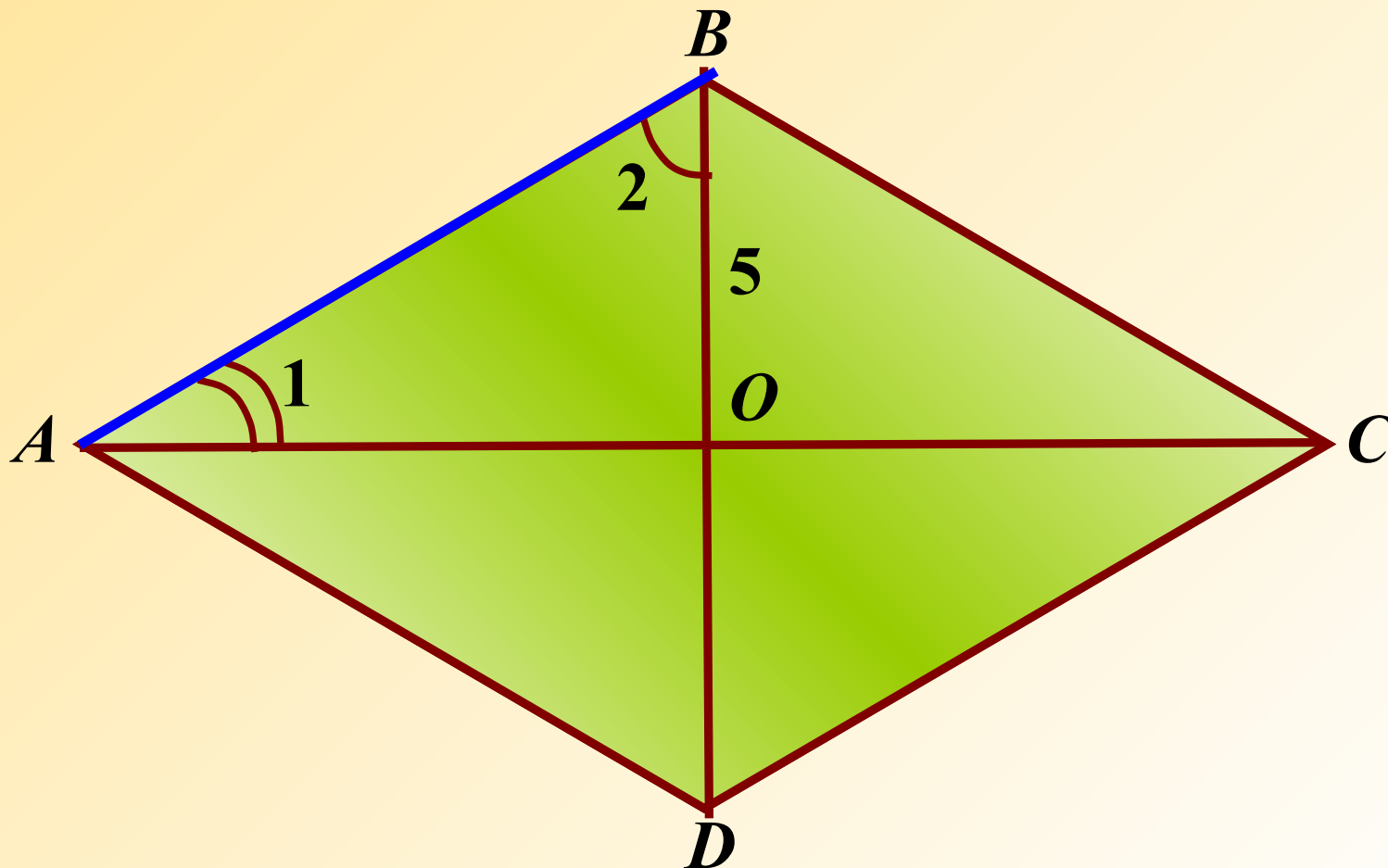
Дано:

$ABCD$ – ромб

$\angle 1 < \angle 2$ на 30°

Найти:

AB , S_{ABCD}



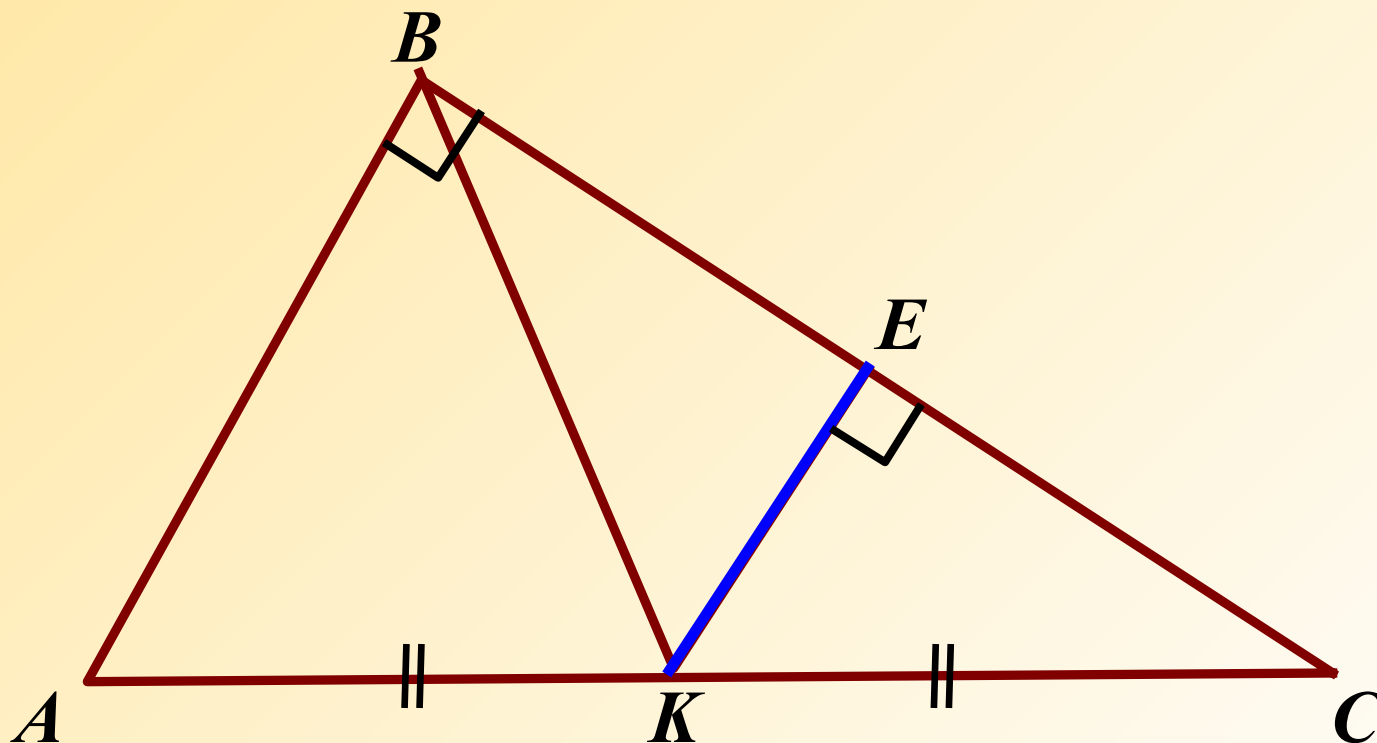
6.

Дано:

$$\triangle ABC, \quad \angle N = 10^\circ, \quad \angle A = 8^\circ$$

Найти:

$$\angle A$$



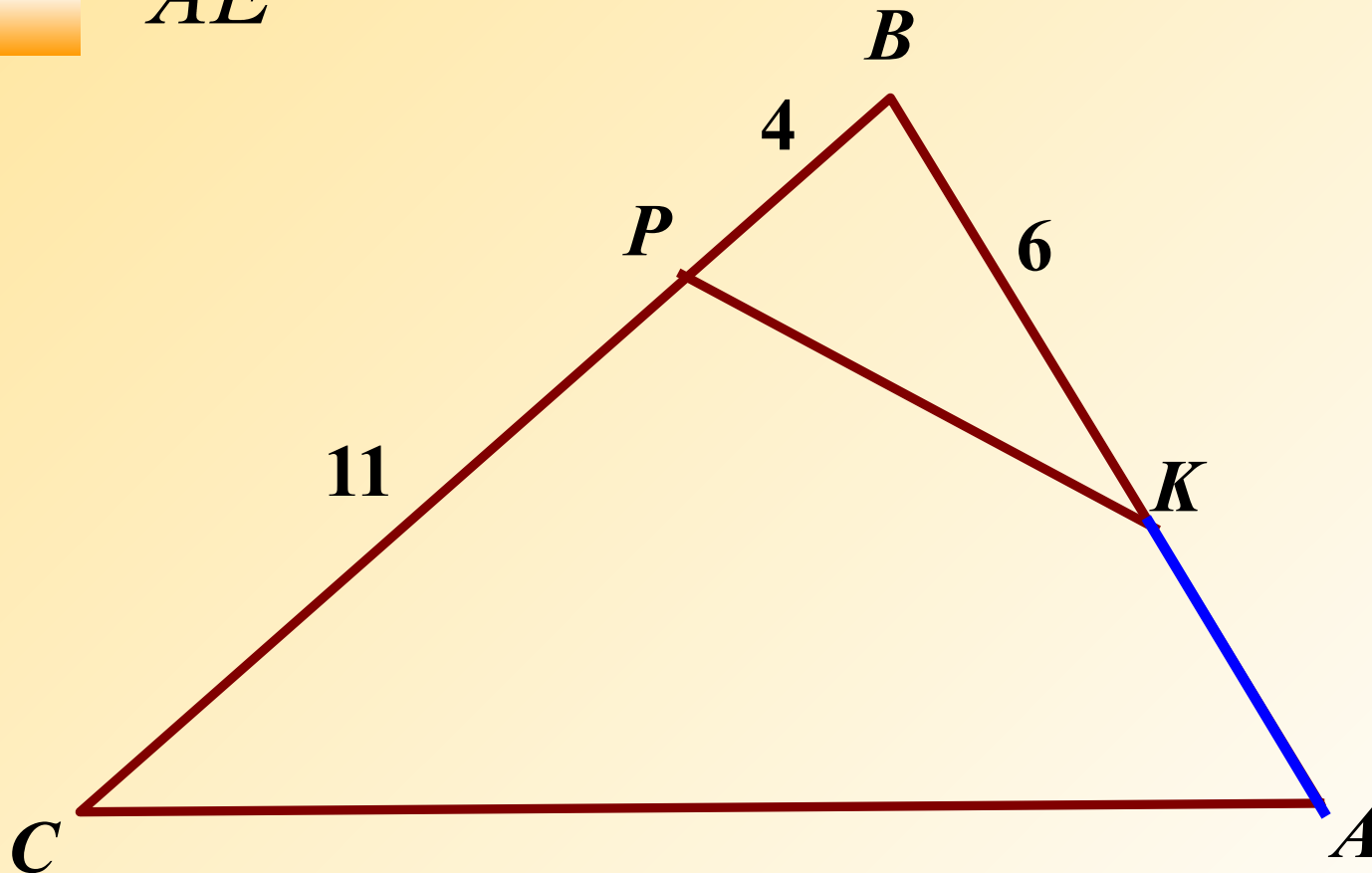
7.

Дано:

$$\triangle ABC, \quad \hat{A} \hat{A} \cdot \hat{A} \hat{E} = \tilde{N} \hat{A} \cdot \hat{A} \hat{D}$$

Найти:

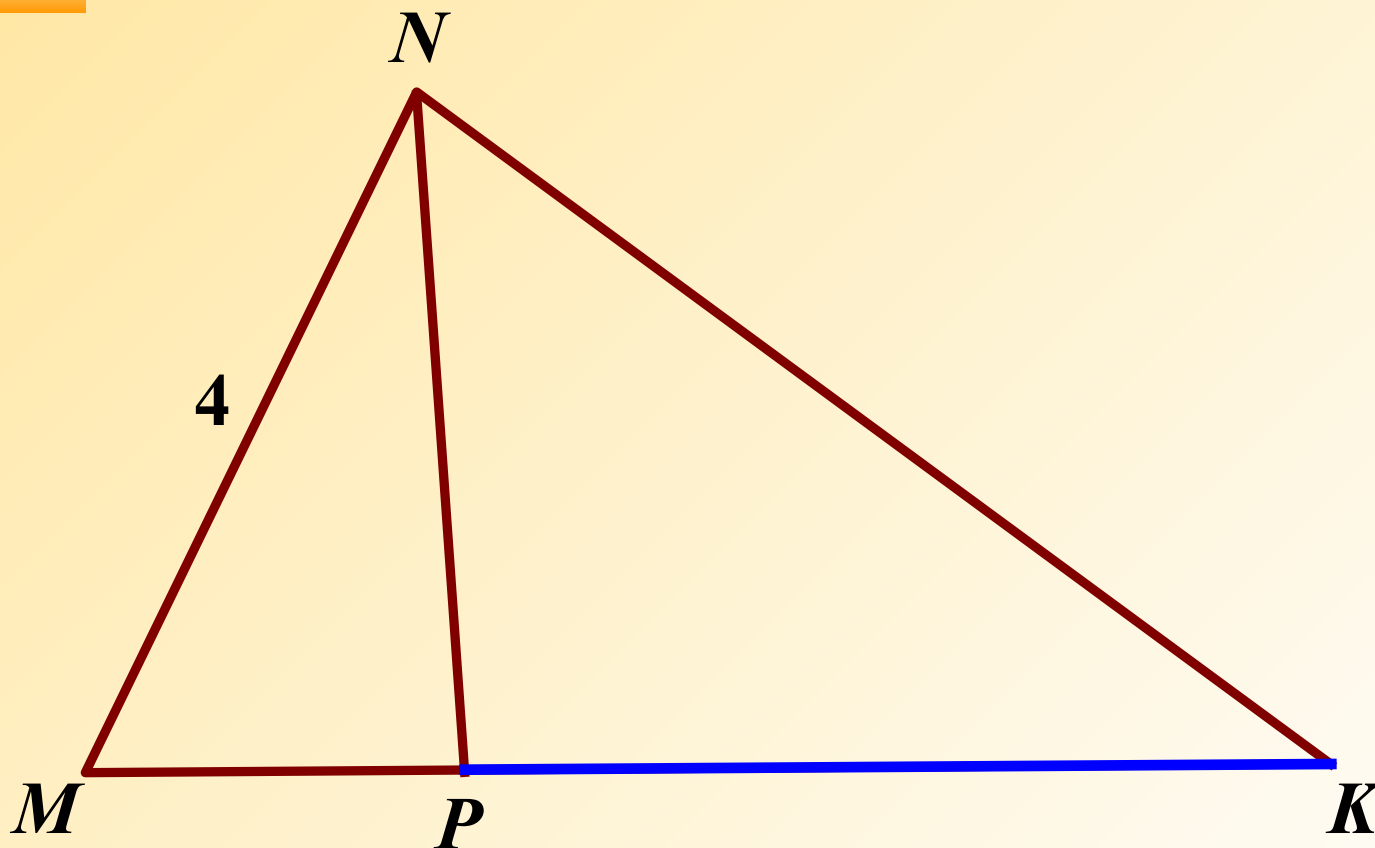
$\hat{A} \hat{E}$



8.

Дано: $\triangle MNK$, $M\hat{E} = 8$

Найти: DE



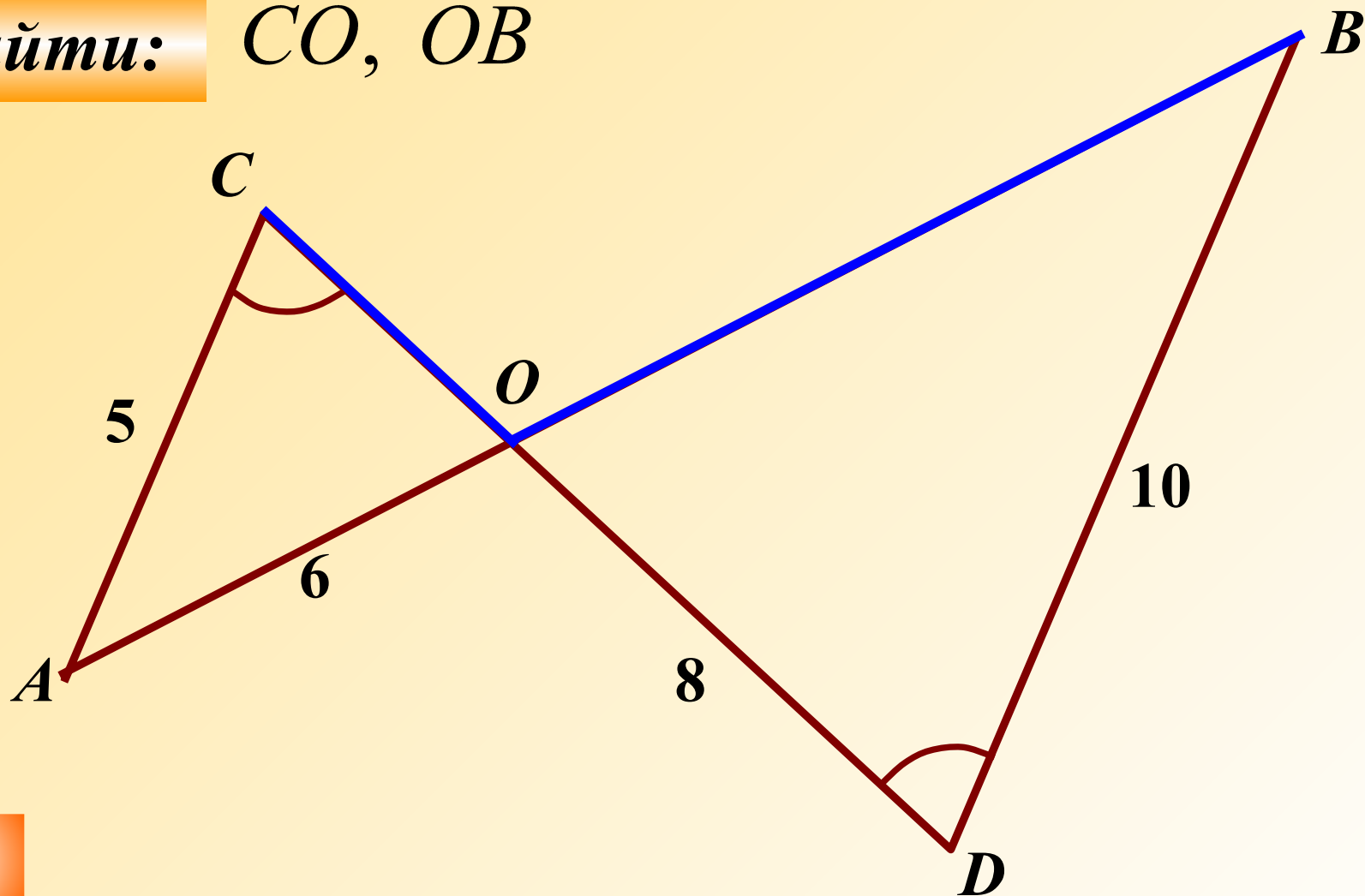
9.

Дано:

$AC \parallel BD$

Найти:

CO, OB



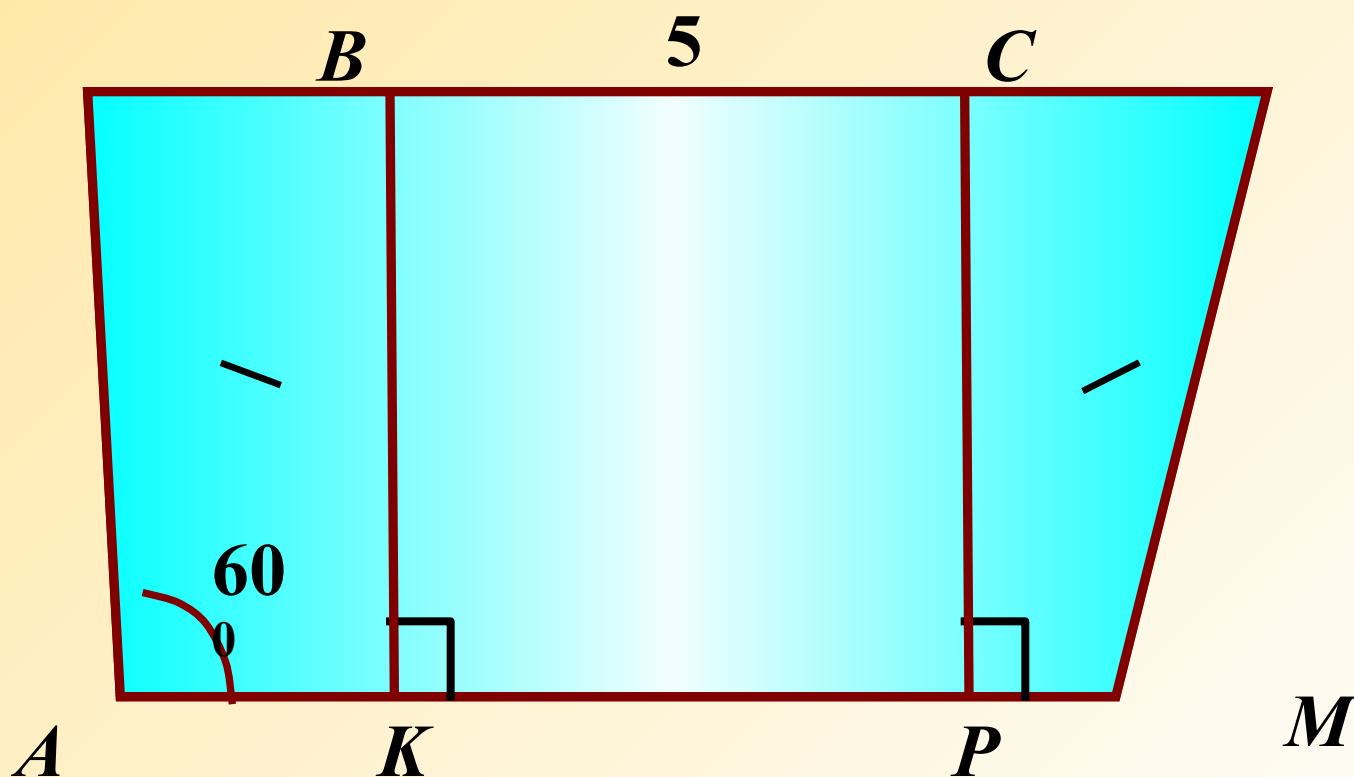
10.

Дано:

$ABCI$ – о́дàïàõëÿ

Найти:

$S_{A\hat{A}CI}$



Доп.

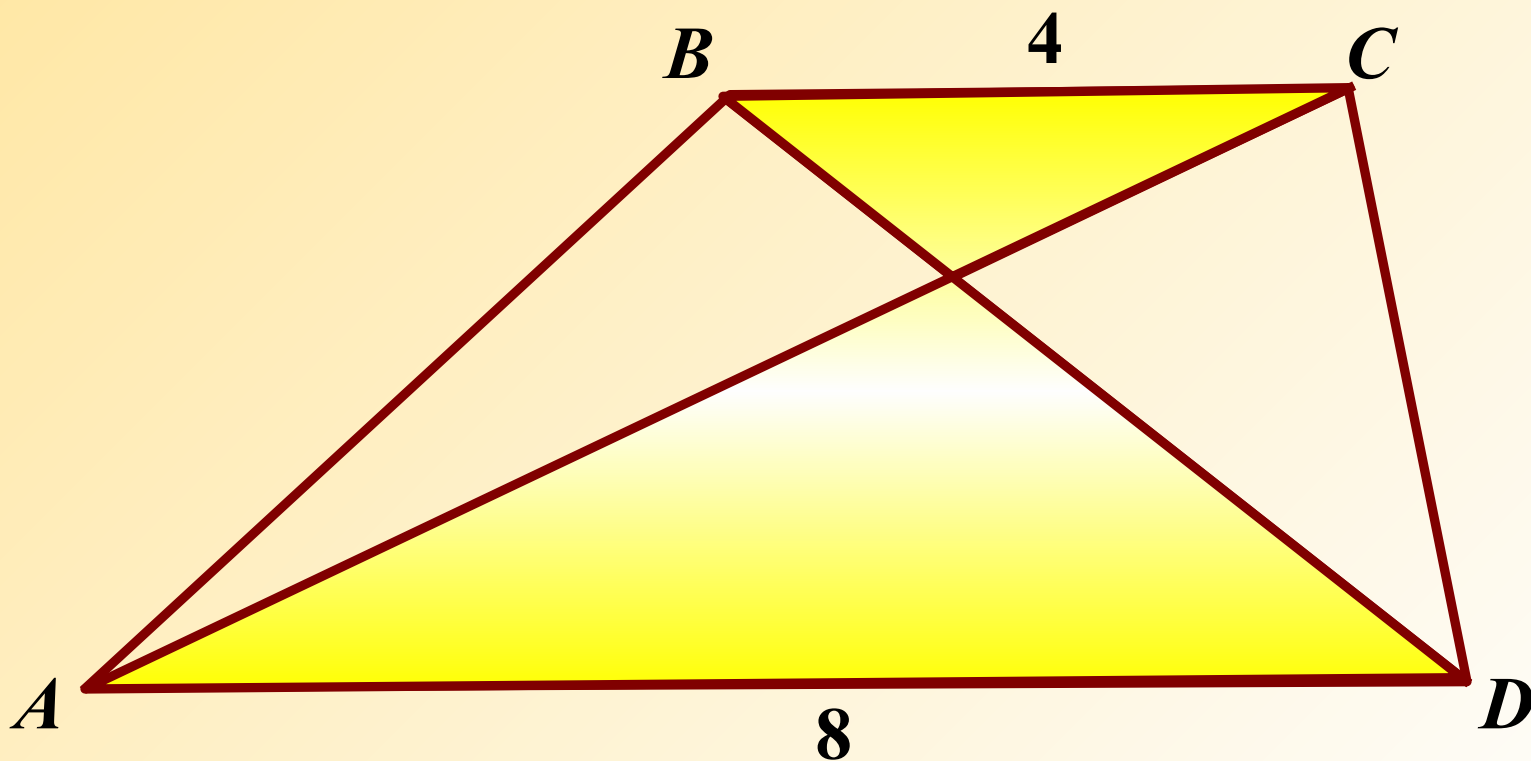
11.

Дано:

$ABCD$ – ромб

Найти:

$$\frac{S_{BOC}}{S_{AOB}}$$



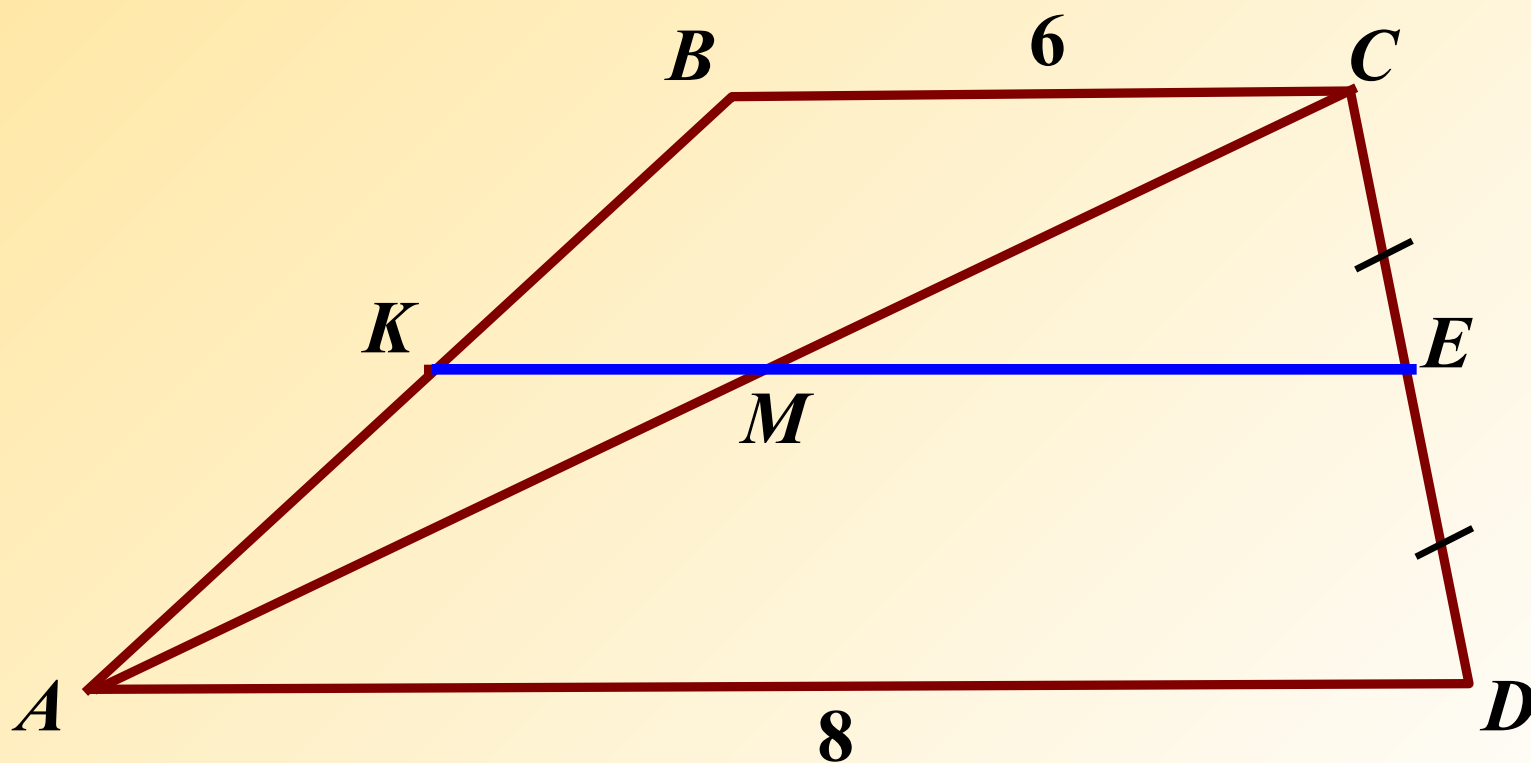
12.

Дано:

$ABCD$ – параллелограмм, $EA \parallel CN$

Найти:

$|AN - EN|$



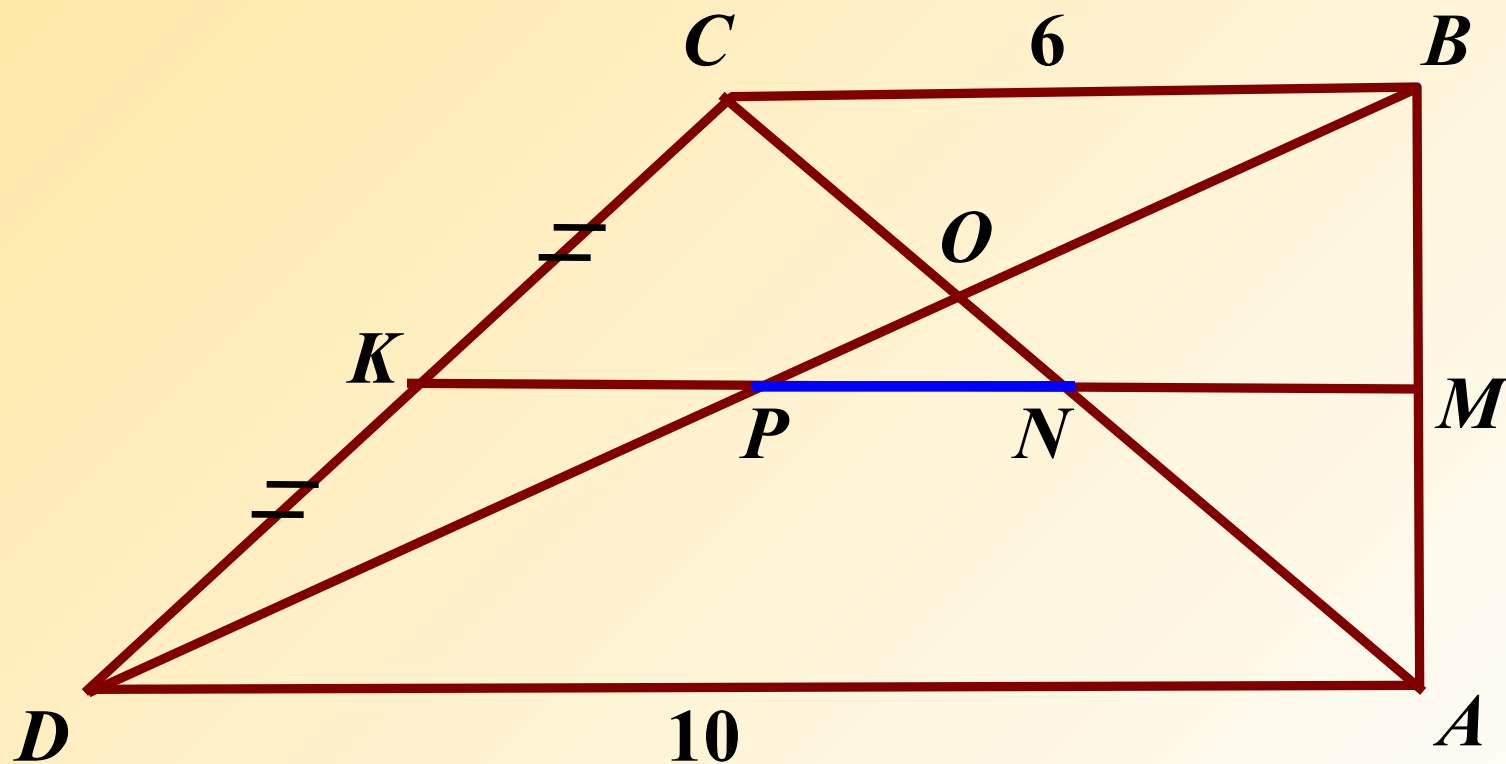
13.

Дано:

$ABCD$ – параллелограмм
 $KE \parallel AD$

Найти:

NP



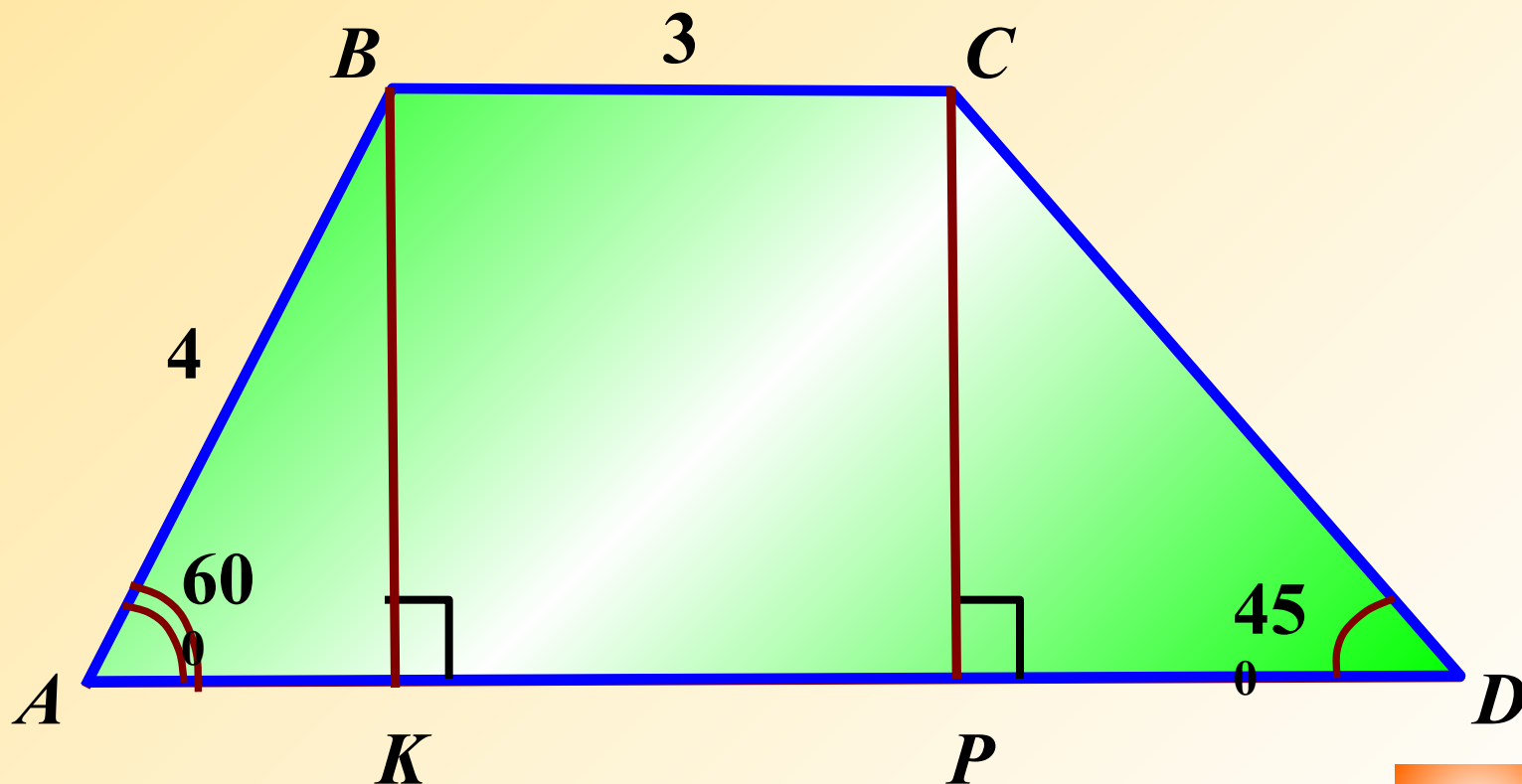
14.

Дано:

$ABCD$ – трапеция

Найти:

P_{AKND} , S_{ABCD}



Доп.

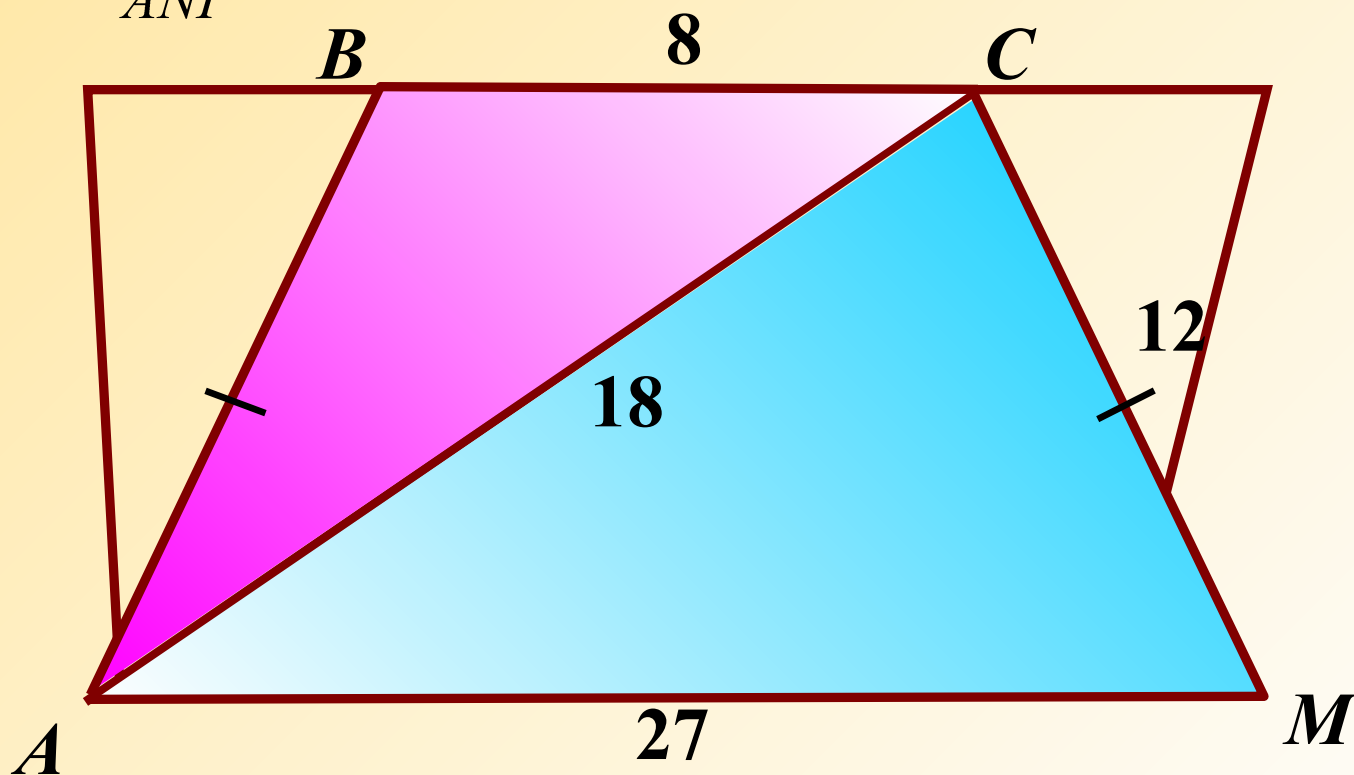
15.

Дано:

$ABCD$ – ромб

Найти:

$$\frac{S_{\triangle ABC}}{S_{\triangle ANI}}$$



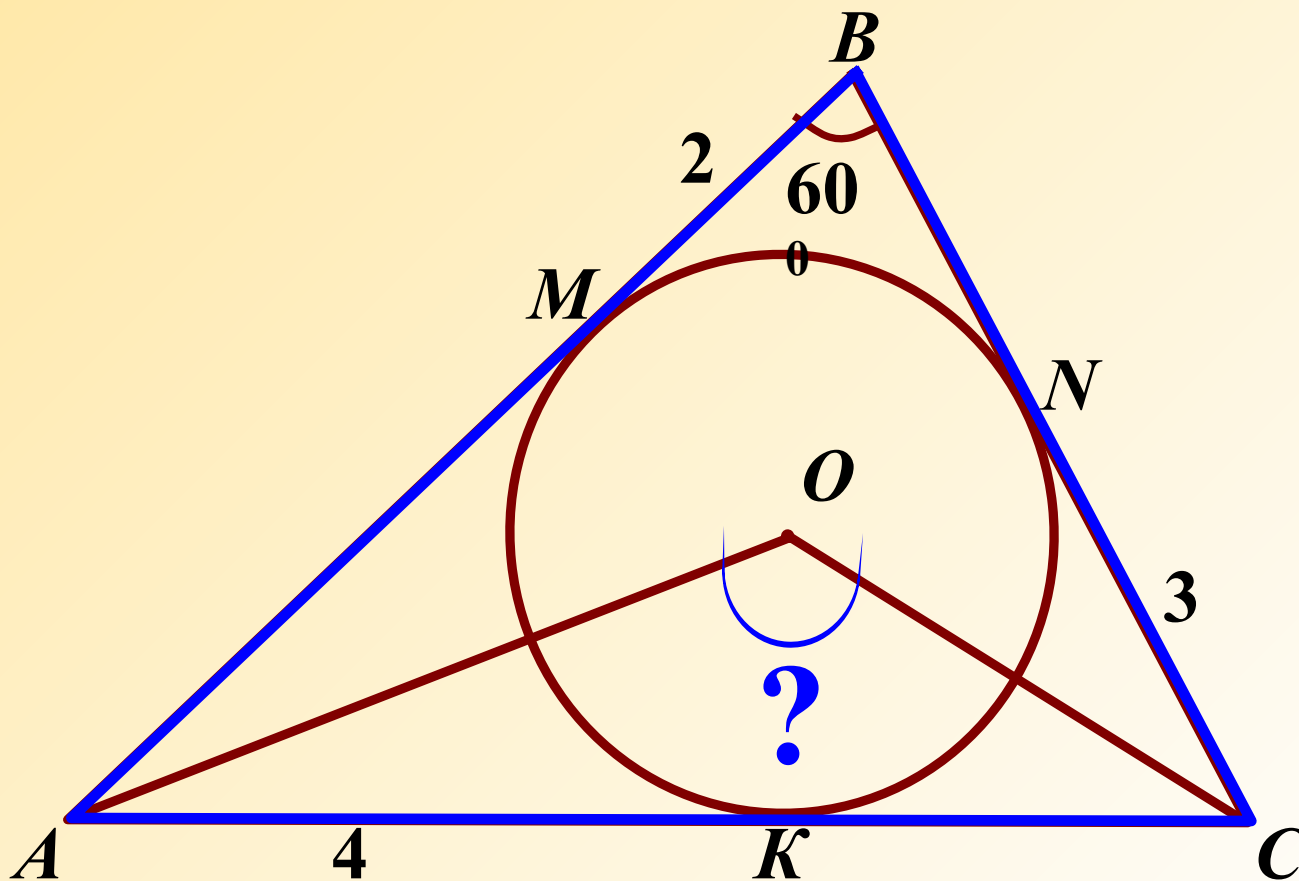
16.

Дано:

$\triangle ABC$, $\hat{I} \hat{e} \hat{O} \ (\hat{I}, R)$

Найти:

$\angle AOC$, $P_{A\hat{A}\tilde{N}}$



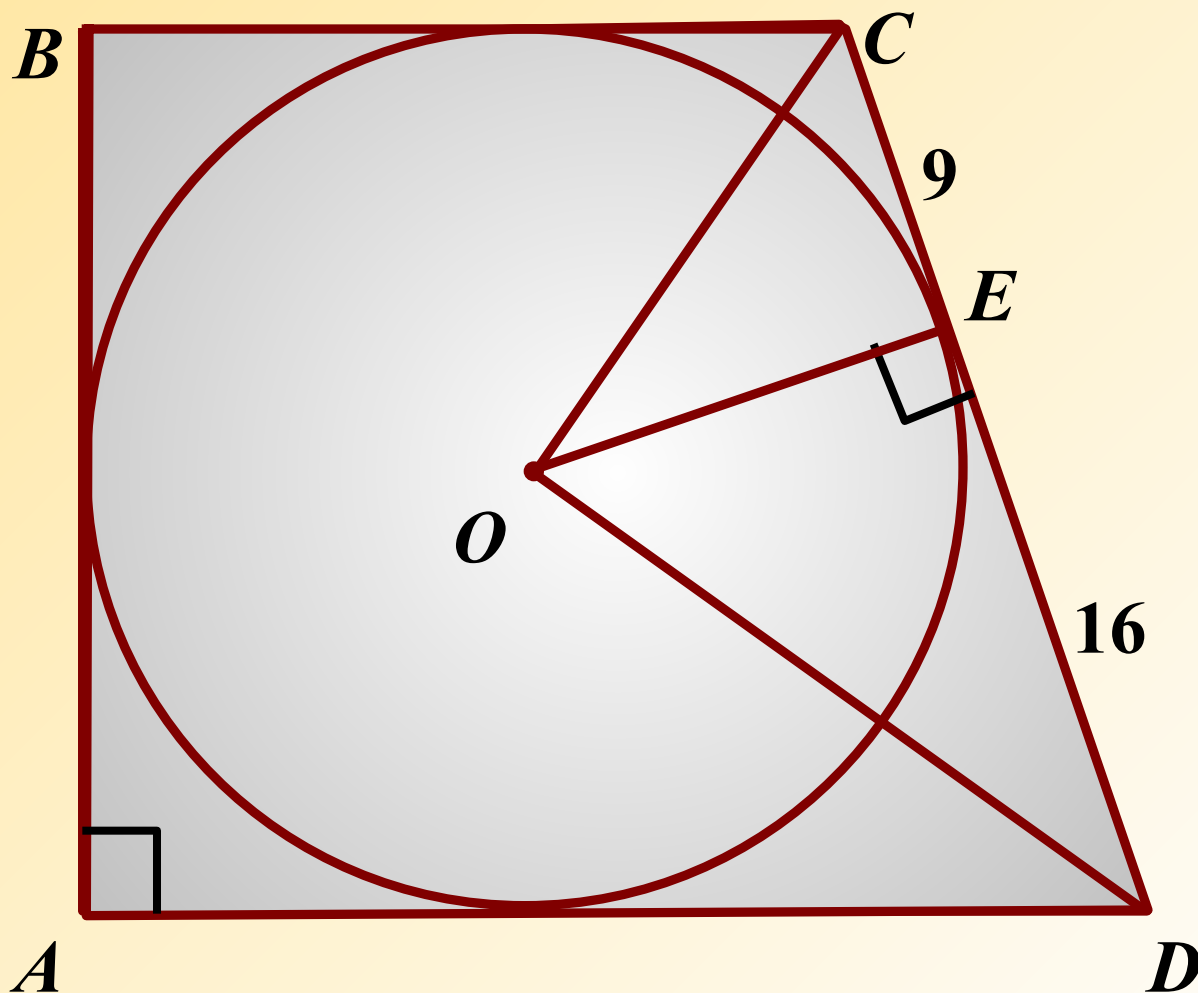
17.

Дано:

$ABCD$ – ромб

Найти:

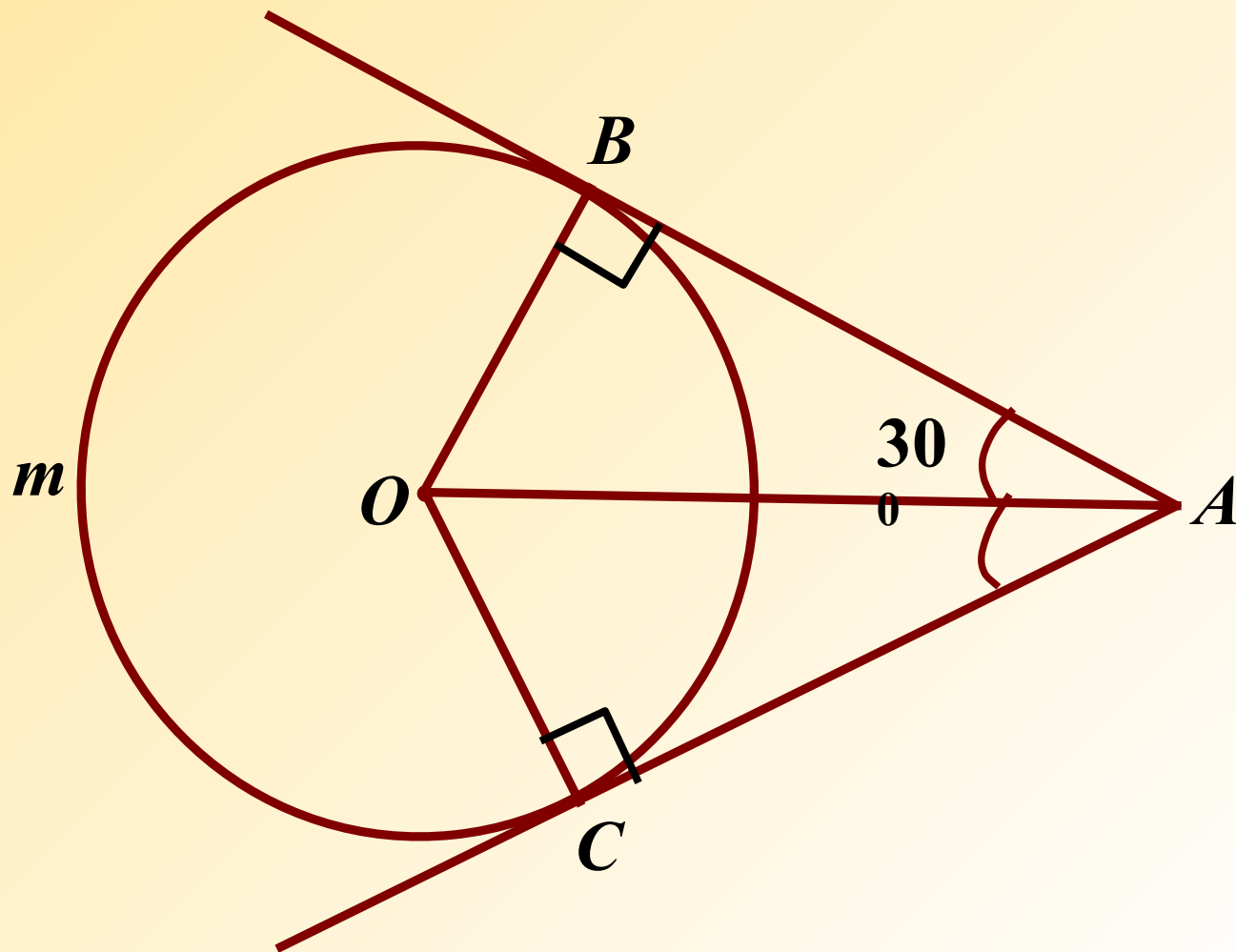
S_{ABCD}



18.

Дано: $\hat{I} \hat{e} \hat{o} . (\hat{I} , R)$

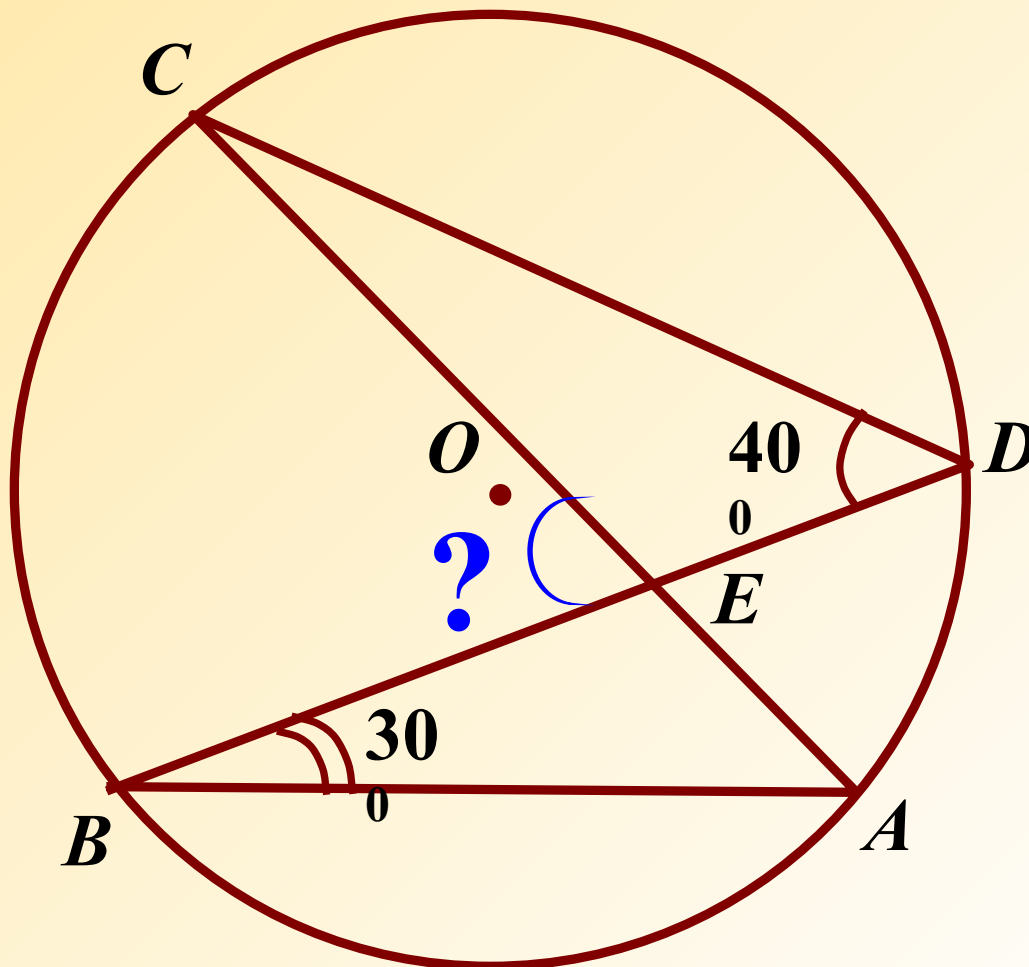
Найти: $\cup B \hat{o} C$



19.

Дано: $\hat{I} \hat{e} \partial . (\hat{I} , R)$

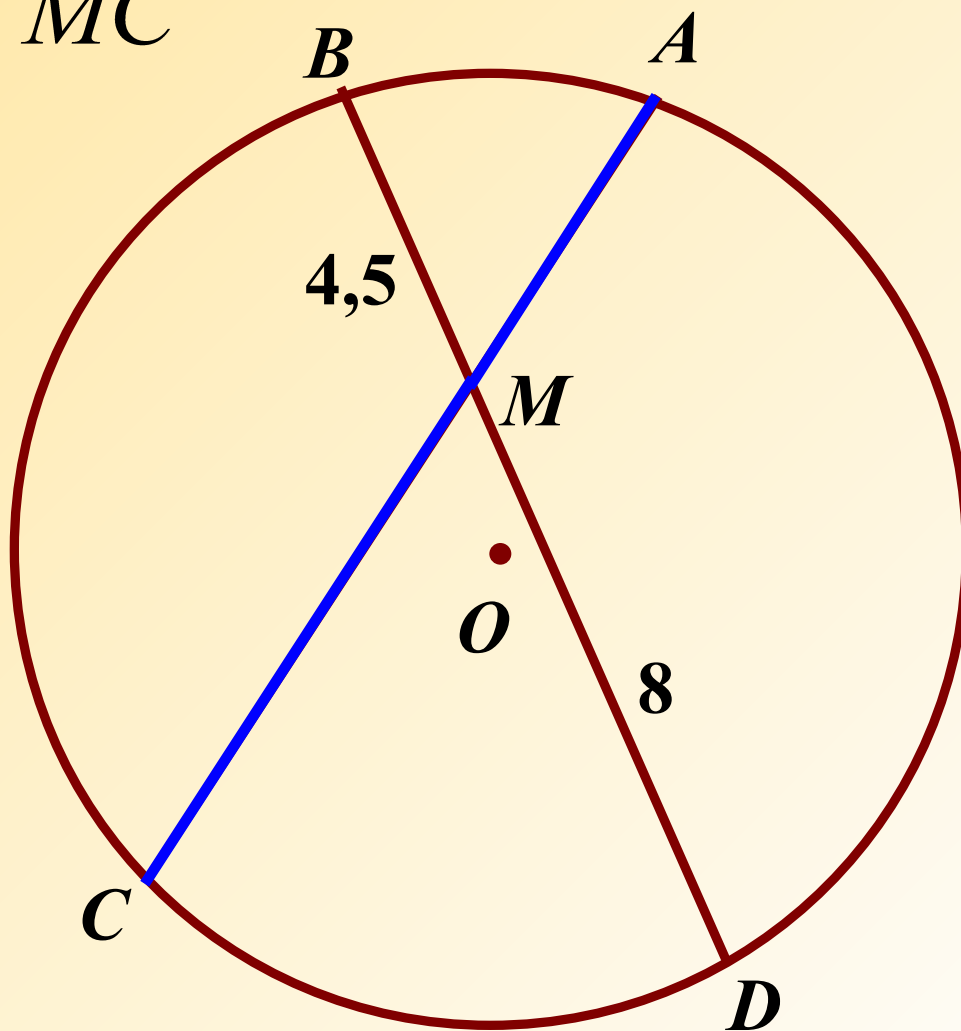
Найти: $\angle BEC$



20.

Дано: $\hat{I} \hat{e} \hat{D} . (\hat{I} , R), AC = 13$

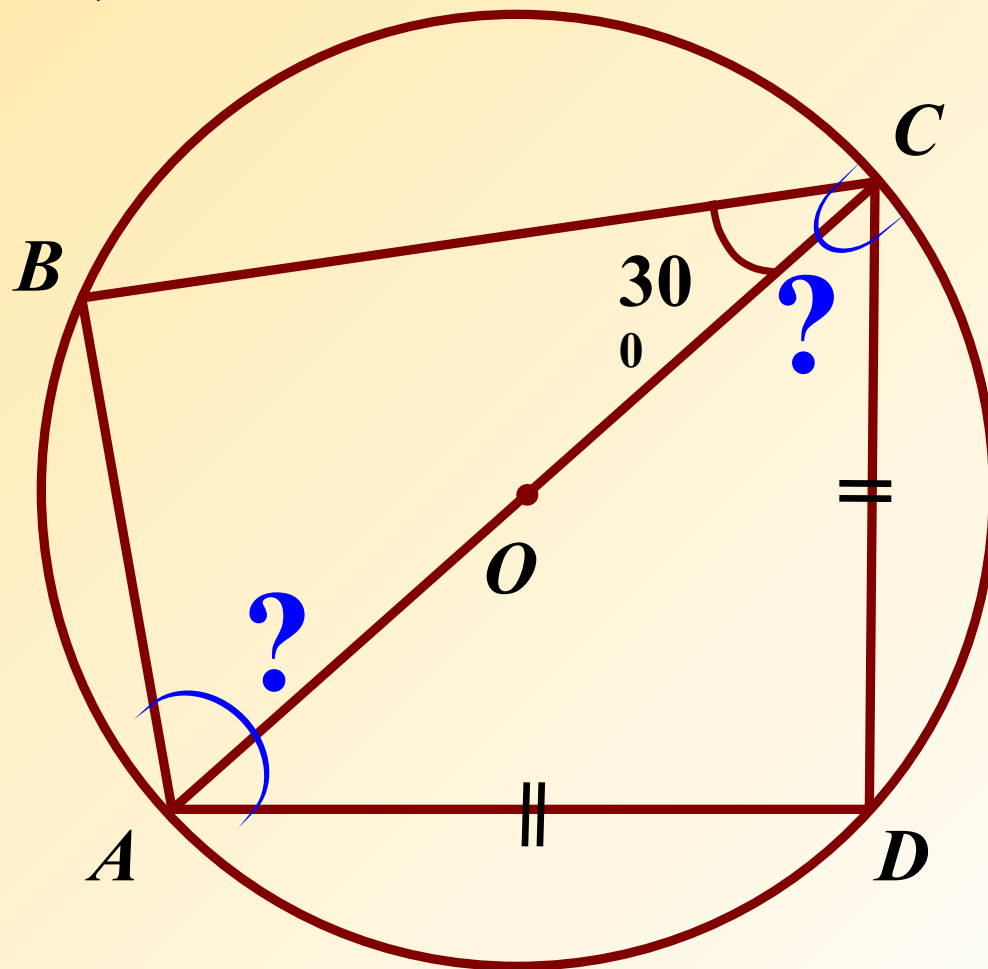
Найти: AM, MC



21.

Дано: $\hat{I} \hat{e} \delta .(I, R)$

Найти: $\angle BAD, \angle BCD$

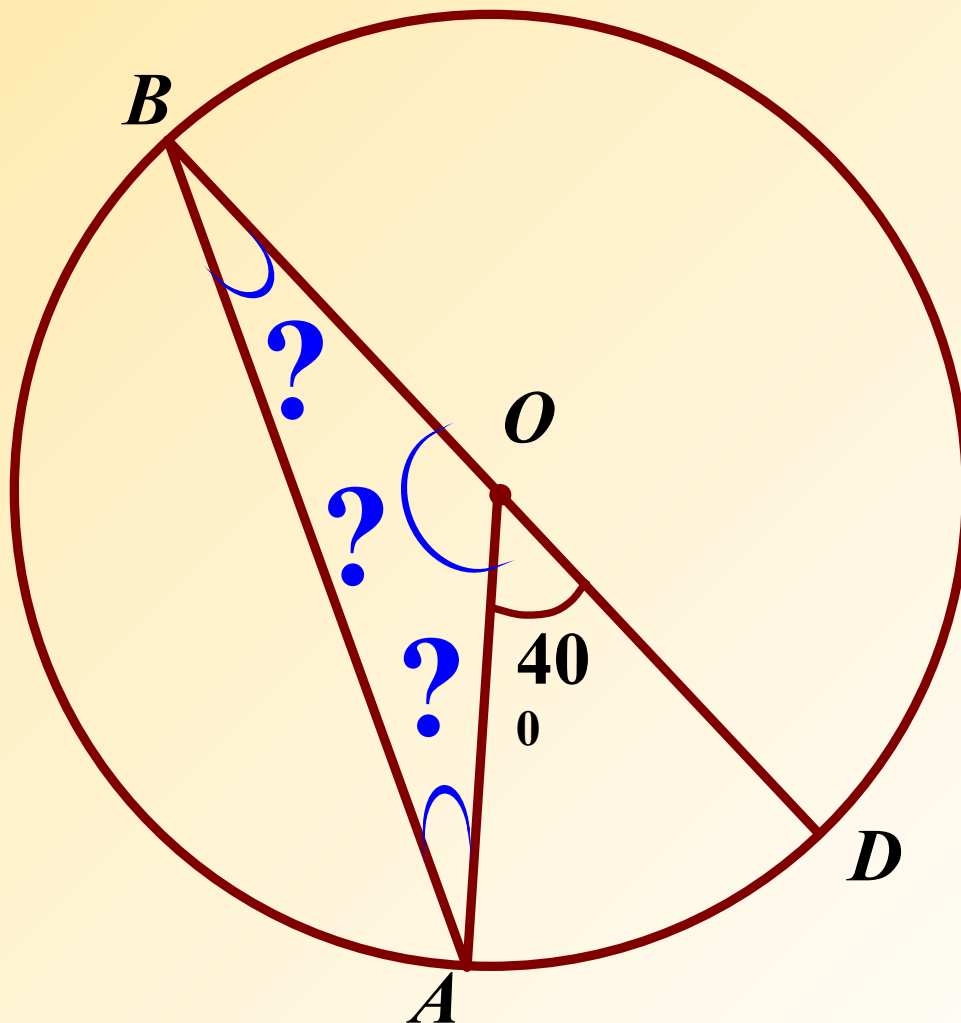


22.

Дано: $\hat{I} \hat{e} \hat{o} .(\hat{I} , R)$

Найти:

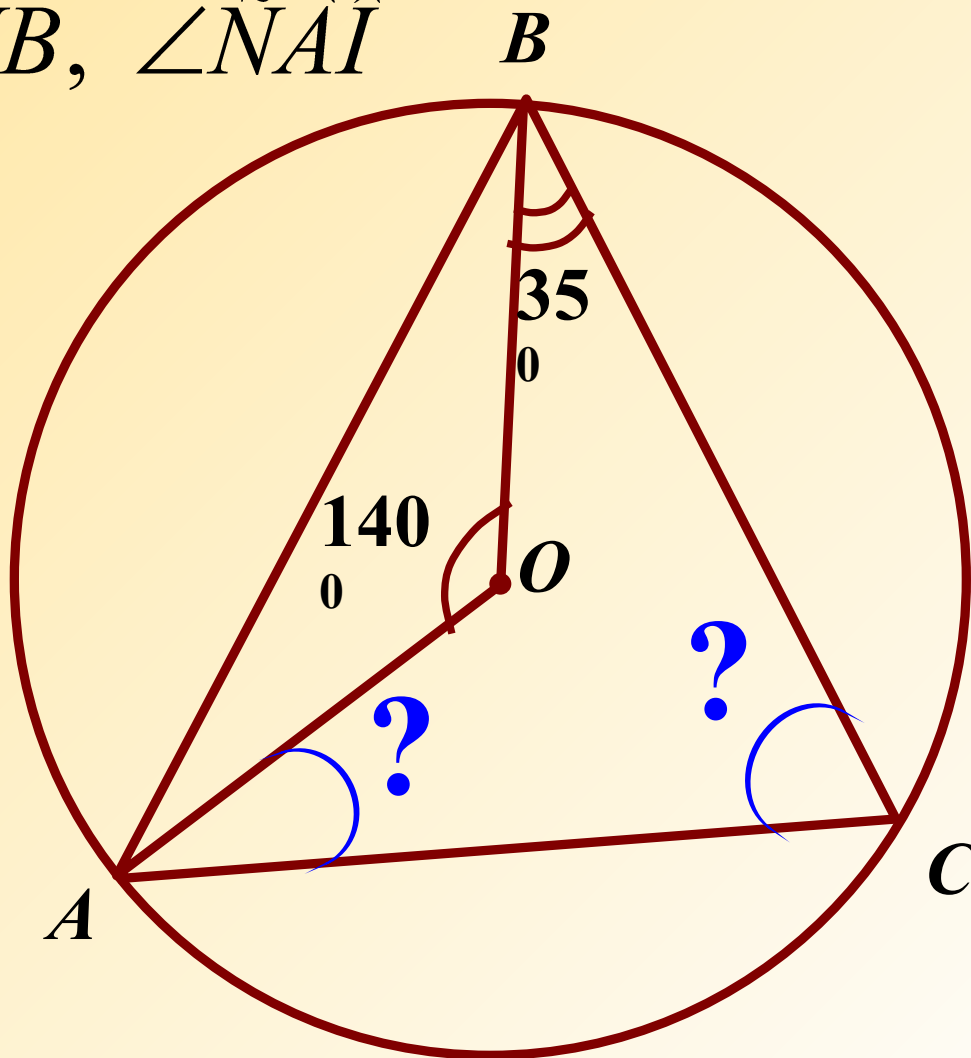
$\hat{O} \hat{a} \hat{e} \hat{u} \Delta \hat{A} \hat{B} \hat{I}$



23.

Дано: $\hat{I} \in \delta .(\hat{I} , R)$

Найти: $\angle A\tilde{N}B, \angle \tilde{N}A\hat{I}$



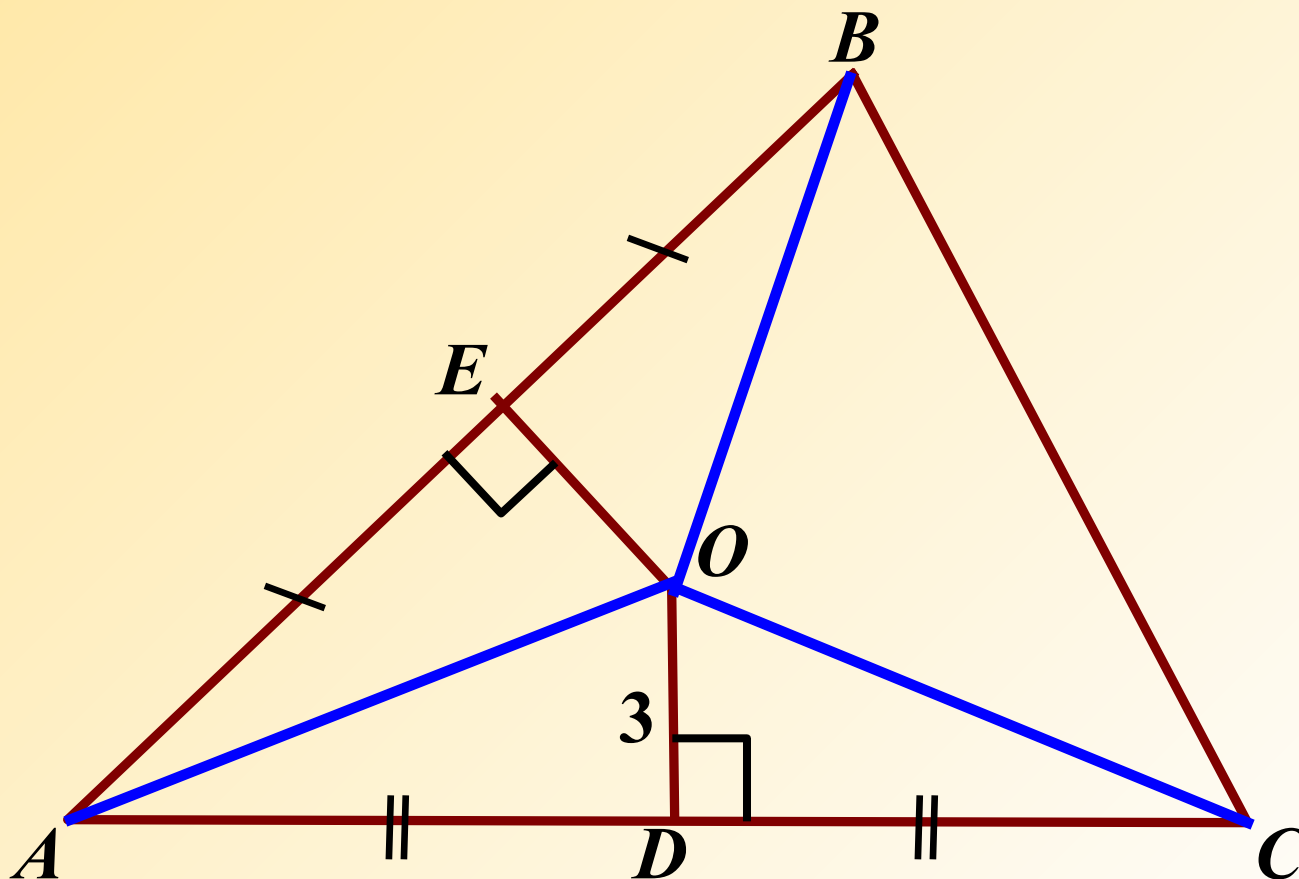
24.

Дано:

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

Найти:

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



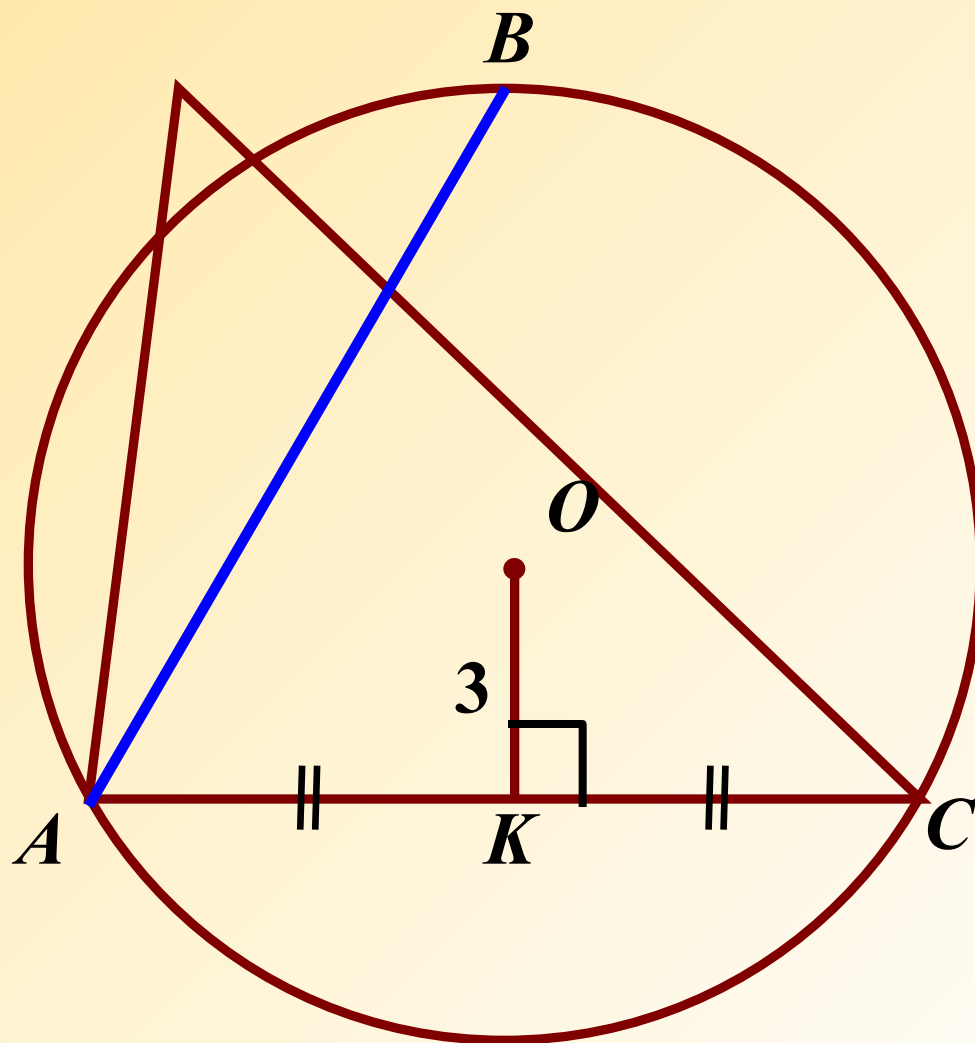
25.

Дано:

$\triangle ABC$ – даагдсан гурвалжинг BC -ийн дундаж перпендикулярын

Найти:

AA'



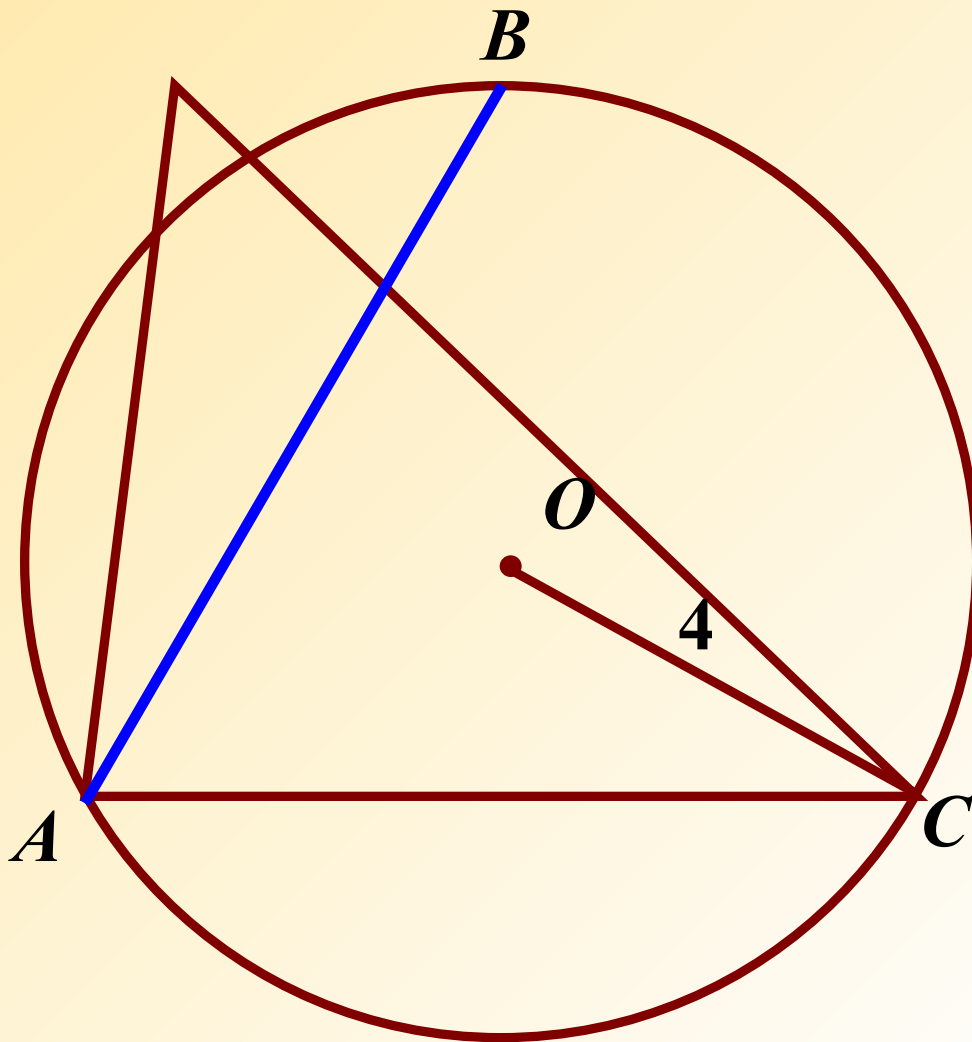
26.

Дано:

$\triangle ABC$ – *đàâíîñòîđî ííèé*

Найти:

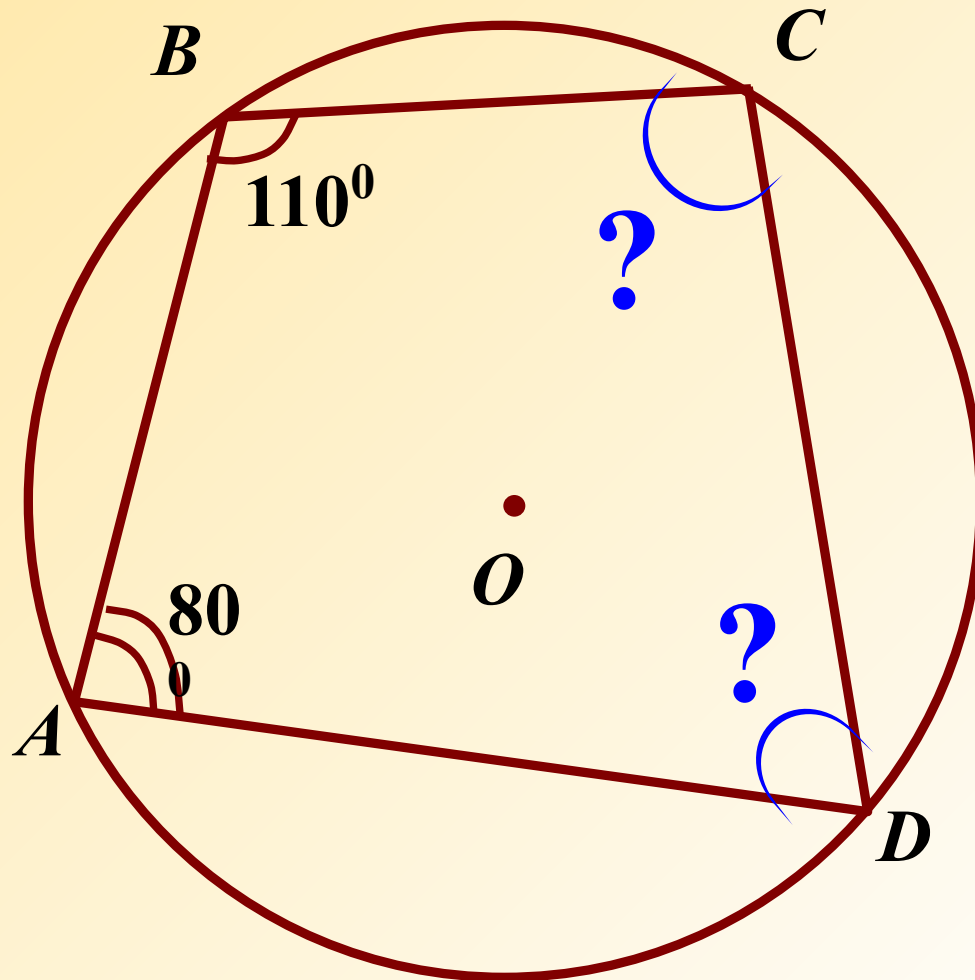
$\angle A$



27.

Дано: $\hat{I} \in \delta .(\hat{I} , R)$

Найти: $\angle \tilde{N}$, $\angle D$



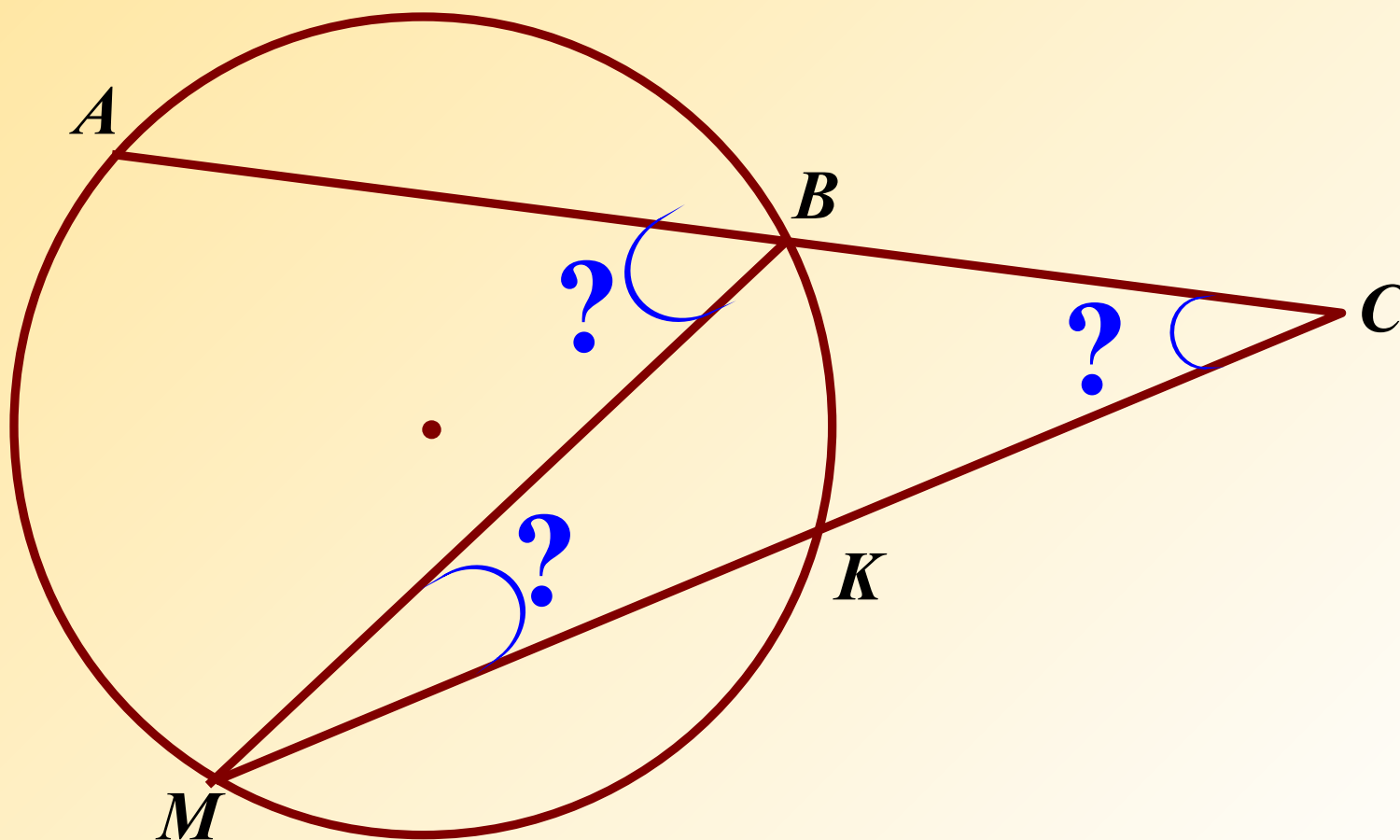
28.

Дано:

$$\cup BK = 40^{\circ}, \cup AM = 100^{\circ}$$

Найти:

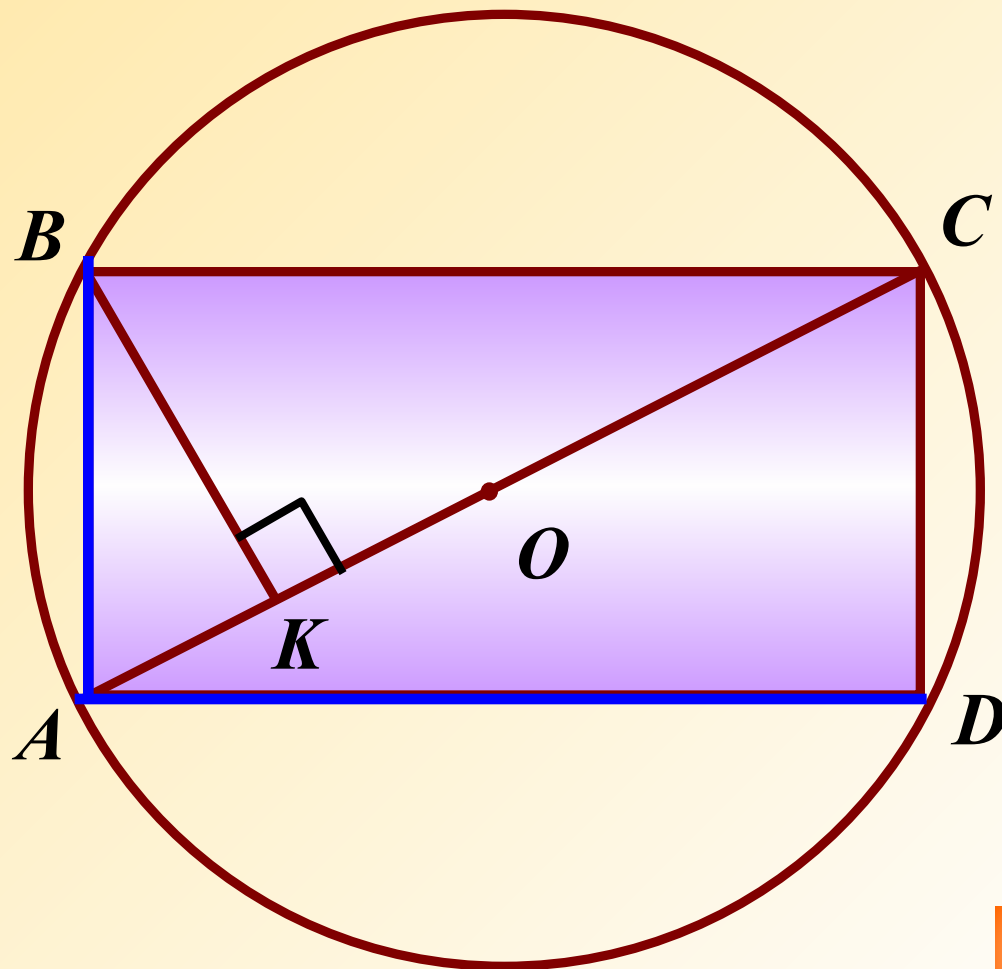
$$\angle ABM, \angle BMK, \angle ACM$$



28.

Дано: $\triangle ABCD$ – вписанный в окружность
 центр O , $\angle A = 90^\circ$, $AO = 10$, $S_{ABCD} = 48$

Найти: AB , AD



Доп.

30.

Дано:

$\angle I \hat{=} 70^\circ$, $NK : MP = 7 : 6$

$S_{MNKP} = 182 \text{ см}^2$, $PK > MN$ и 6 см

Найти:

MN , NK , KP , MP

