

*Решение задач
на готовых чертежах.*

Итоговое повторение.

Часть 2.

Окружность.

Многоугольники.

Геометрия.

9 класс.

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МОУ СОШ №256 г.Фокино



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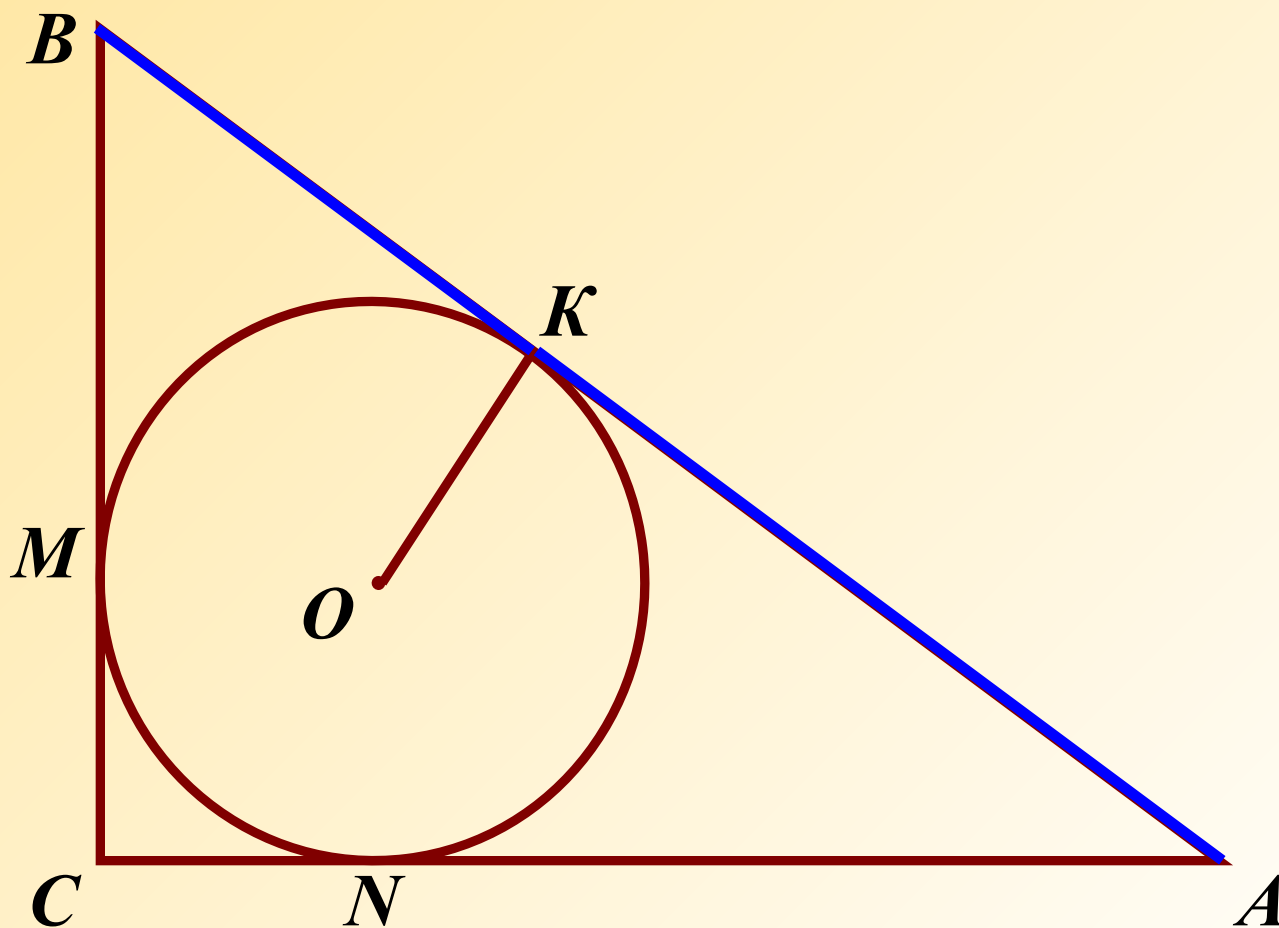
1.

Дано:

$$\hat{I} \hat{e} \delta \cdot (\hat{I}, \hat{I} \hat{E}), \hat{I} \hat{E} = 3 \tilde{n} \hat{i}$$
$$\hat{A} \hat{A} = 15 \tilde{n} \hat{i}$$

Найти:

$$\hat{A} \hat{E}, \hat{E} \hat{B}$$



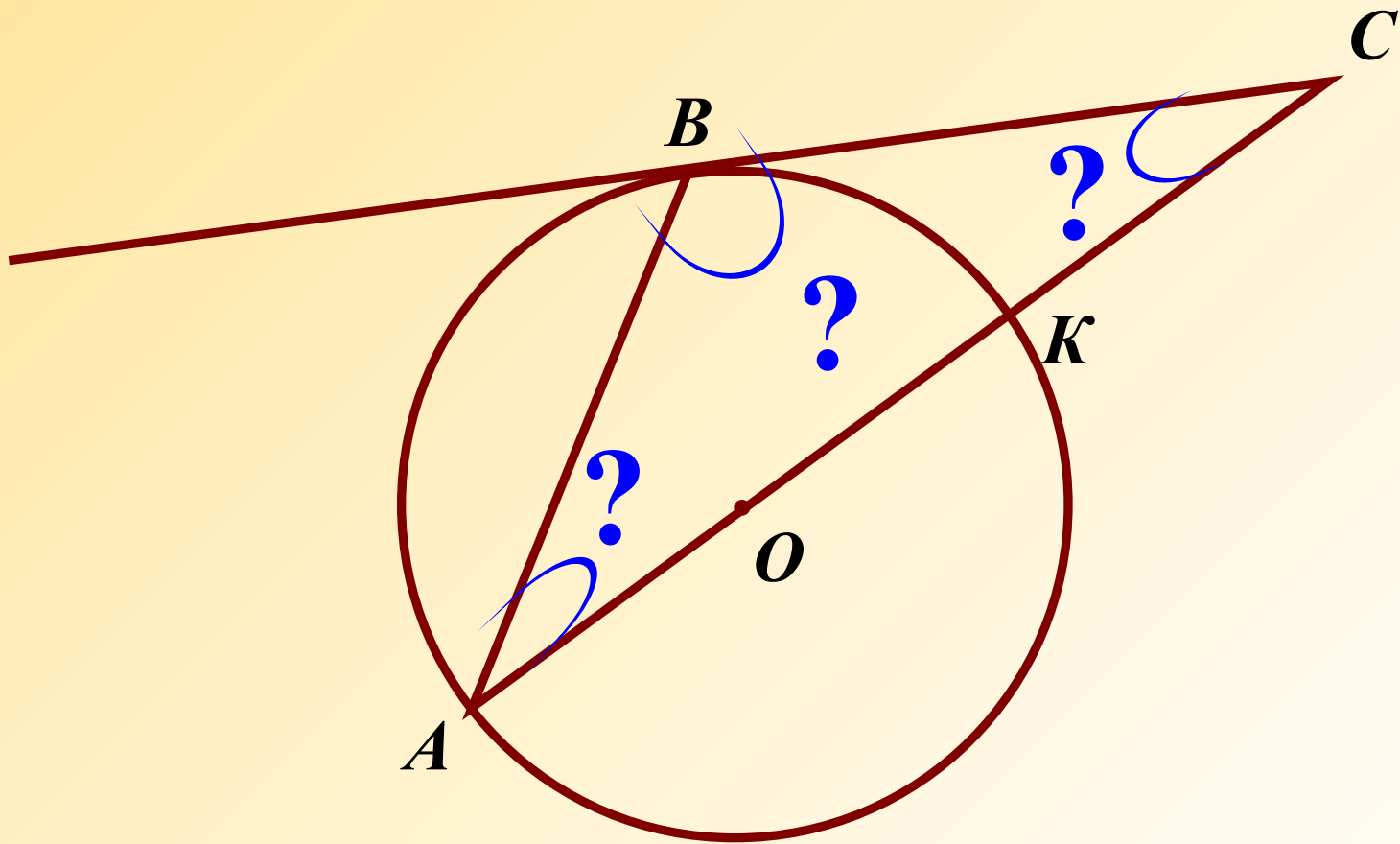
2.

Дано:

B – òî÷êà êðàñà íèý ,
 $\cup BE = 58^\circ$

Найти:

$\angle A$, $\angle A$, $\angle C$



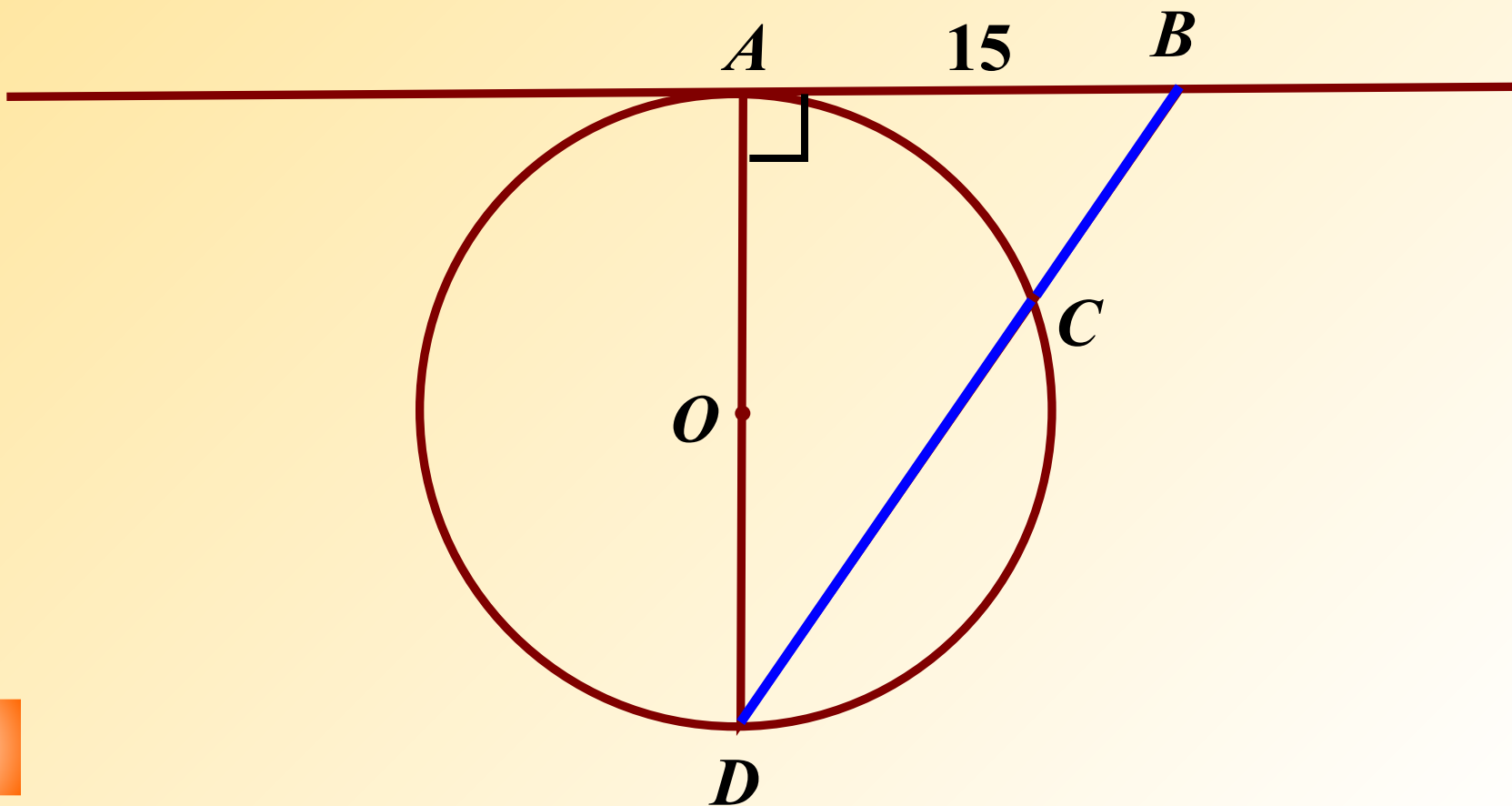
3.

Дано:

$\hat{I}\hat{e}\hat{d} .(\hat{I} , R), AB = 15$

Найти:

DC, BC



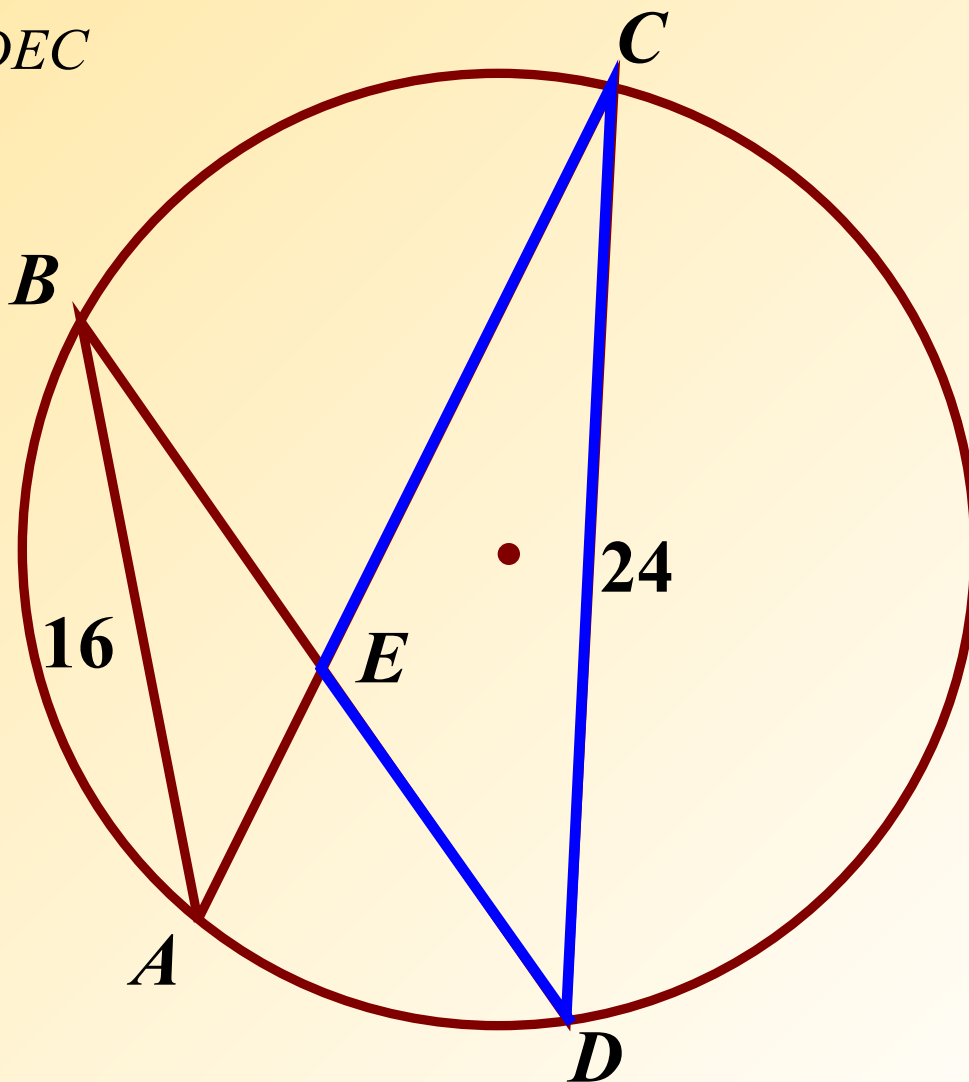
4.

Дано:

$$P_{ABE} = 28$$

Найти:

$$P_{DEC}$$



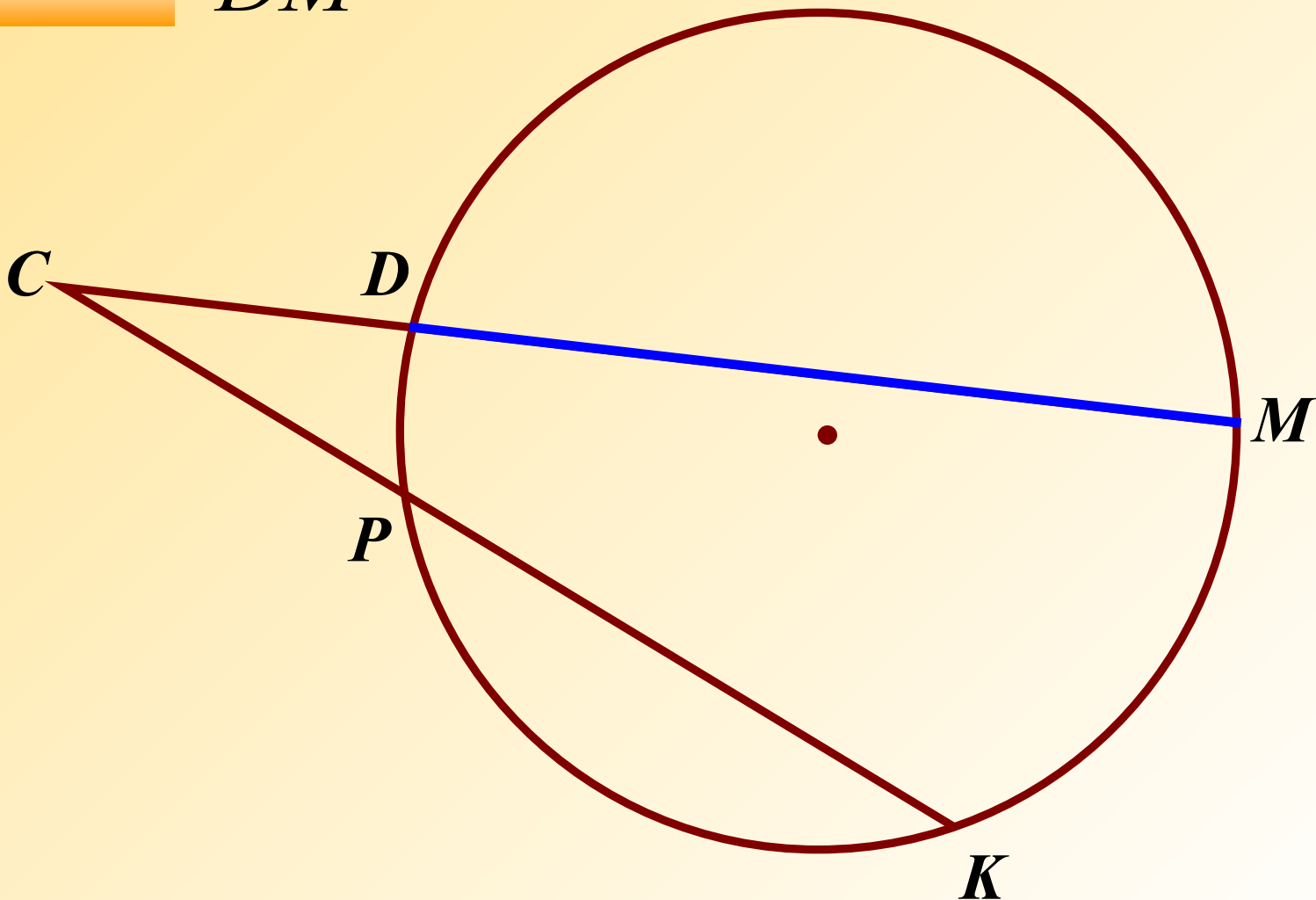
5.

Дано:

$$CK = 16, CP = 6, CM = 24$$

Найти:

DM



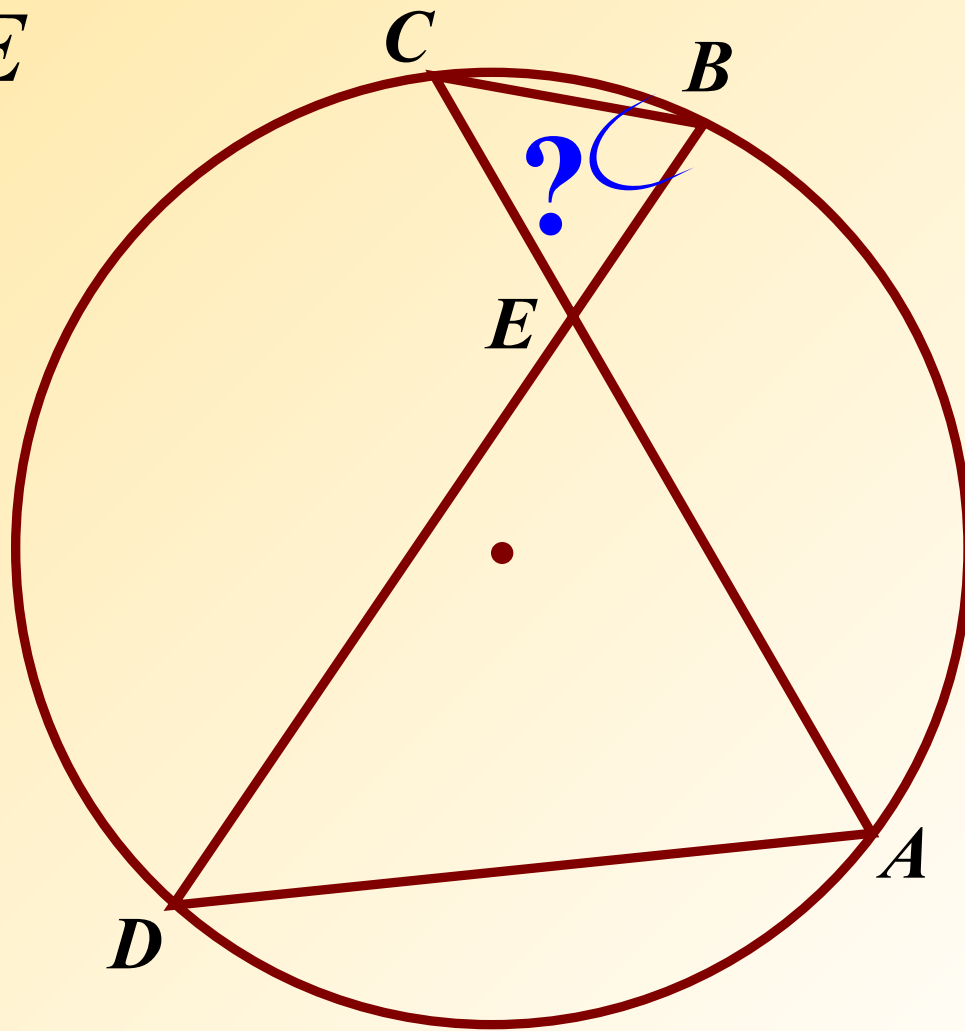
6.

Дано:

$\angle DEC > \angle BEC$ à 9 đầç,
 $\angle DAE > \angle BEC$ íà 61^0

Найти:

$\angle CBE$



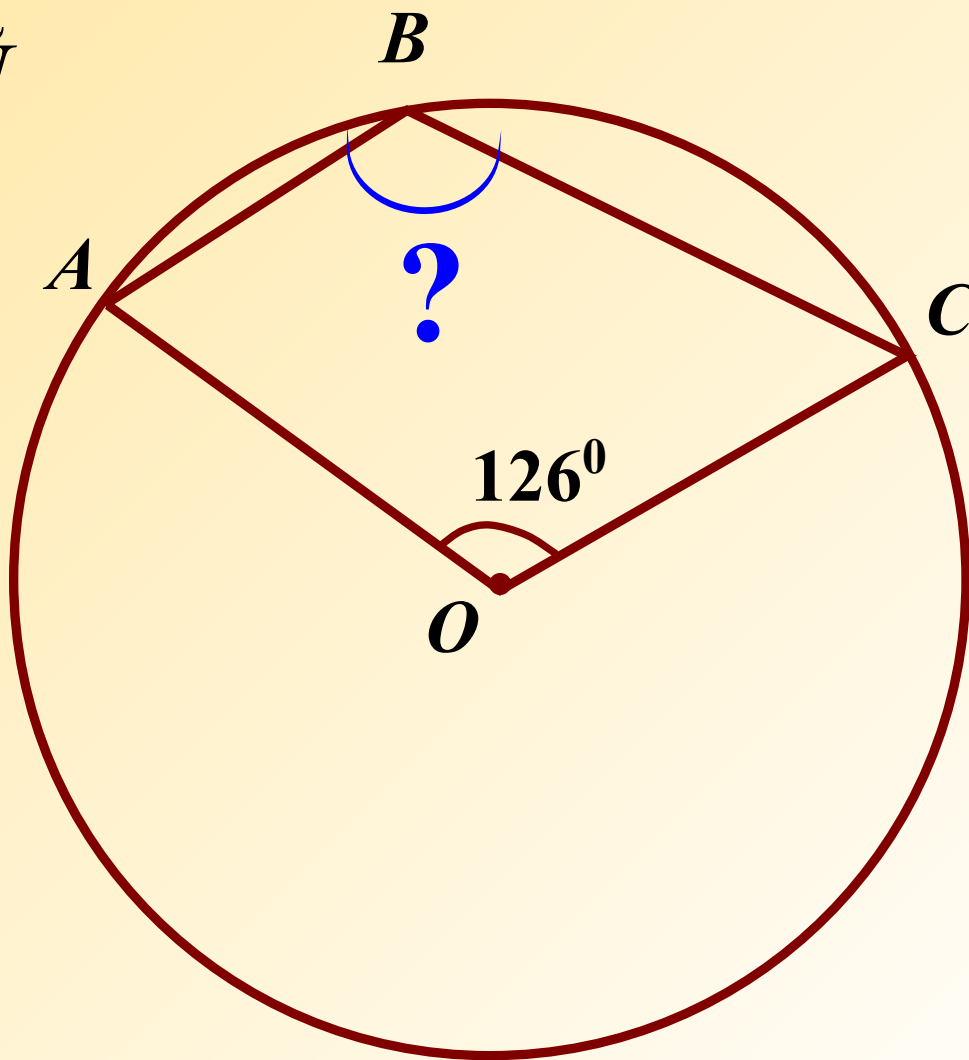
7.

Дано:

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

Найти:

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



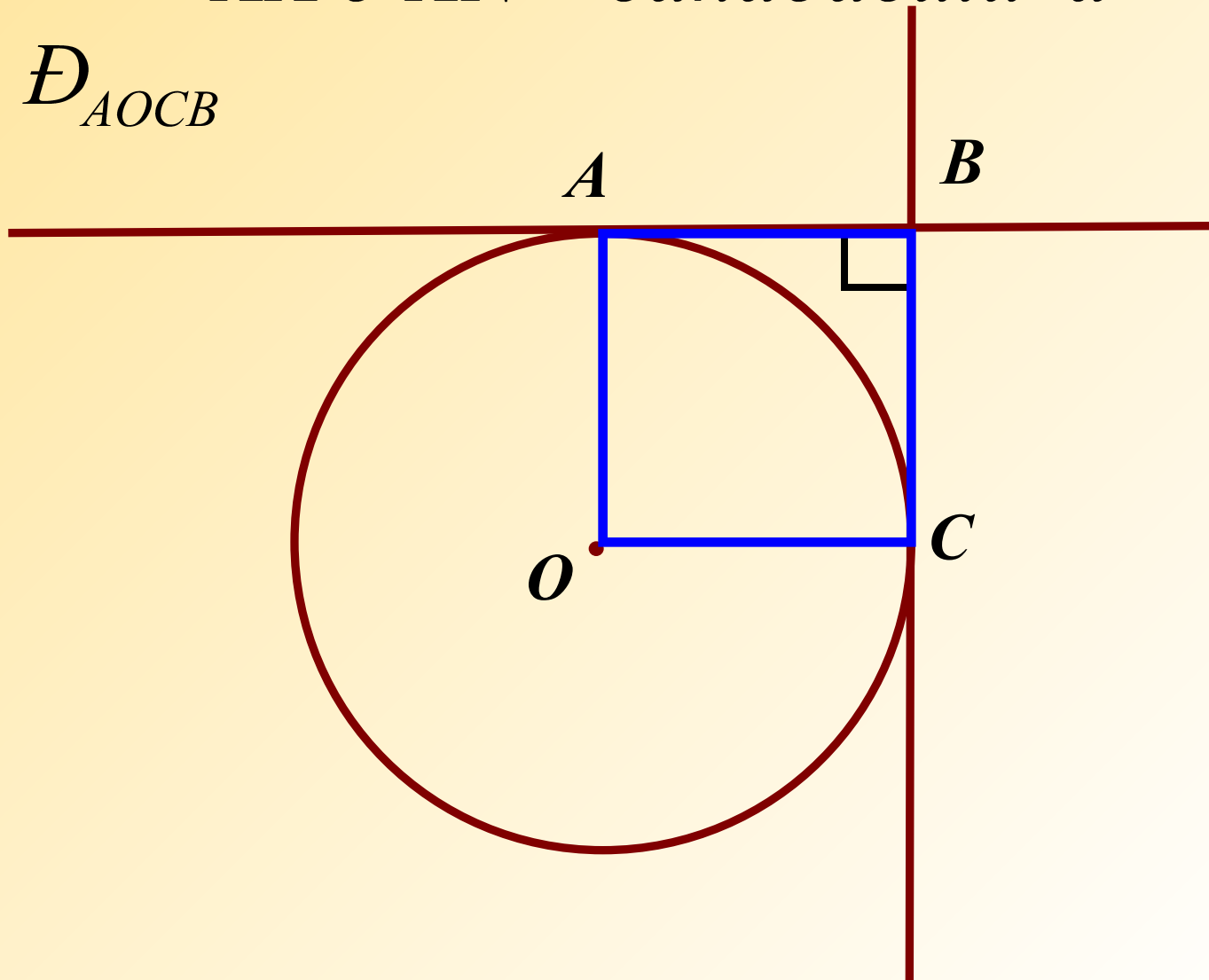
8.

Дано:

$\hat{I} \hat{e} \hat{o} . (\hat{I} , R), R = 11$
 $\hat{A} \hat{A} \hat{e} \hat{A} \hat{N} \hat{N} - \hat{e} \hat{a} \hat{n} \hat{a} \hat{o} \hat{a} \hat{e} \hat{i} \hat{i} \hat{u} \hat{u} \hat{a}$

Найти:

\mathcal{D}_{AOCB}



9.

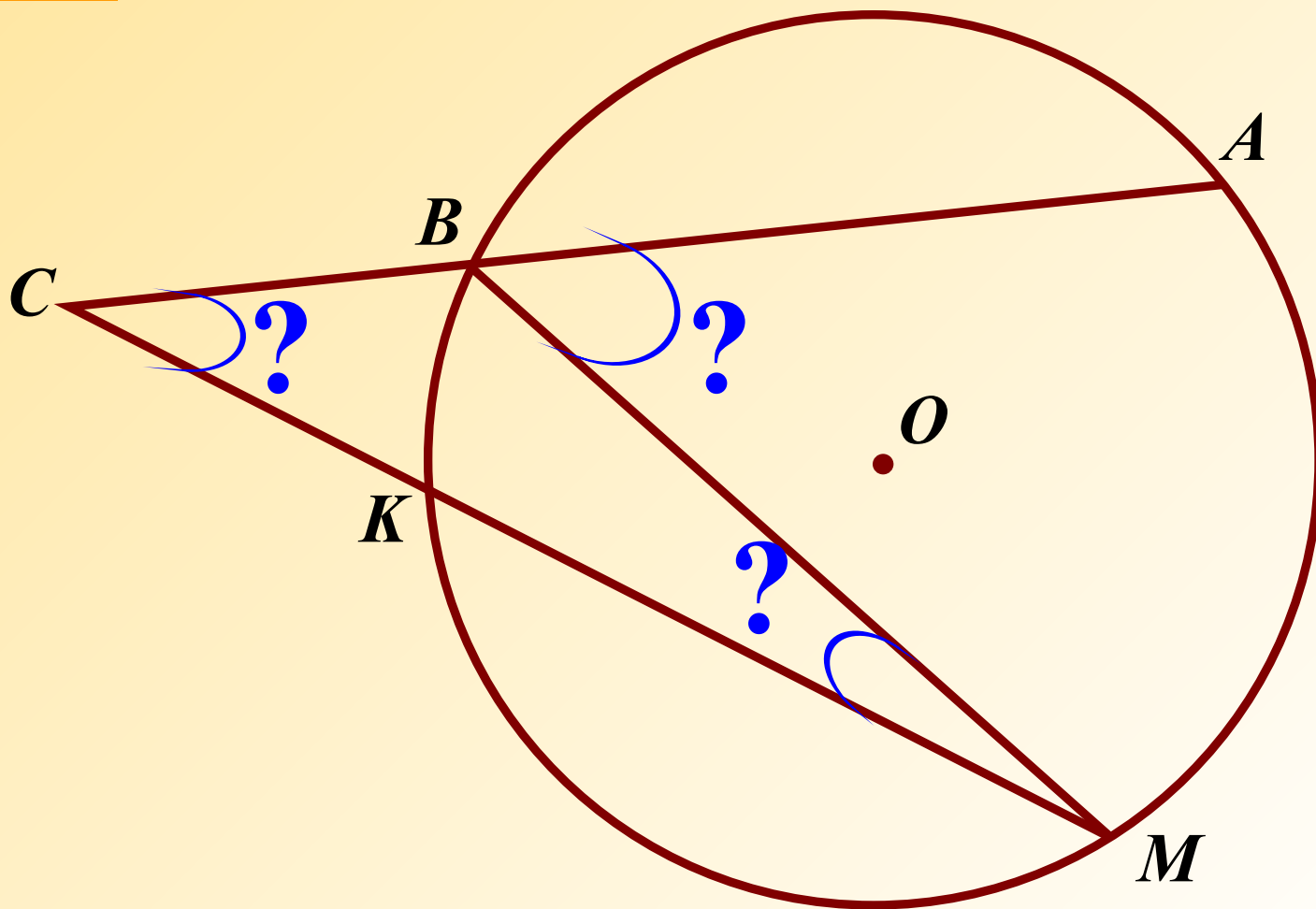
Дано:

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

$$\cup \hat{A} \hat{E} = 40^{\circ}, \cup \hat{A} \hat{I} = 100^{\circ}$$

Найти:

$$\angle \hat{A} \hat{A} \hat{I}, \angle \hat{A} \hat{I} \hat{E}, \angle \hat{A} \hat{C} \hat{I}$$



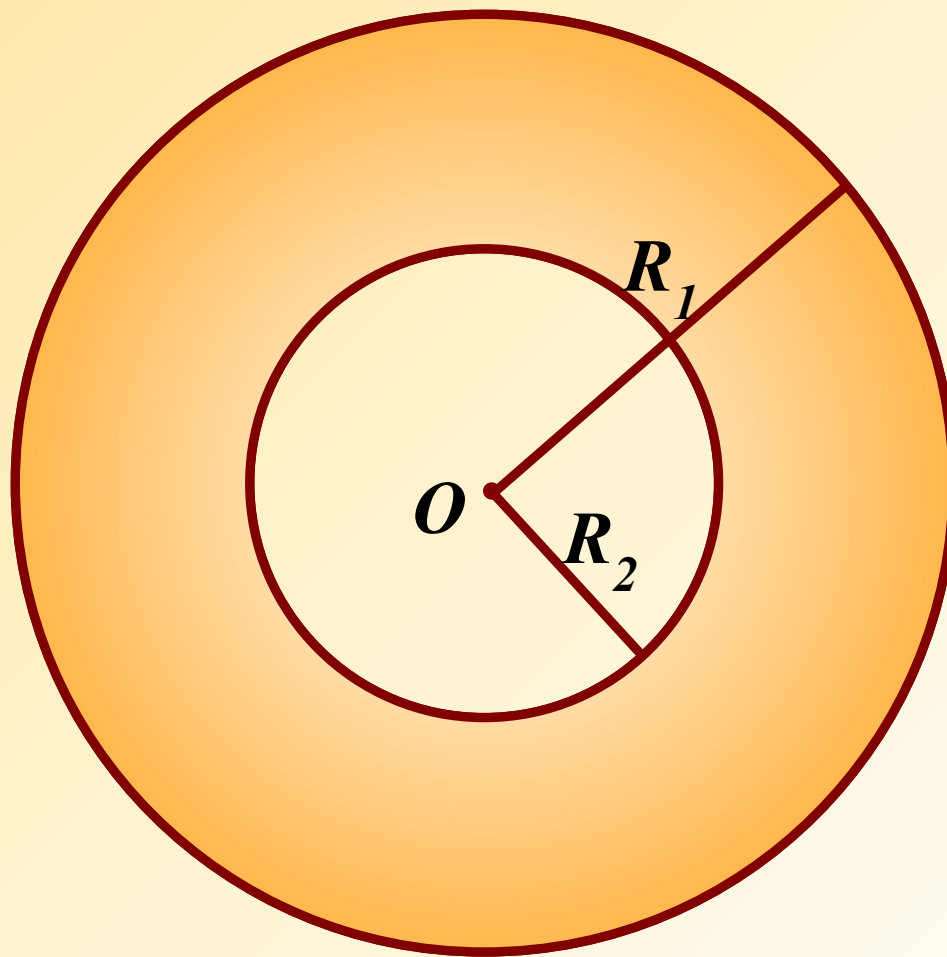
10.

Дано:

$$R_1 = 10, R_2 = 5$$

Найти:

S — площадь



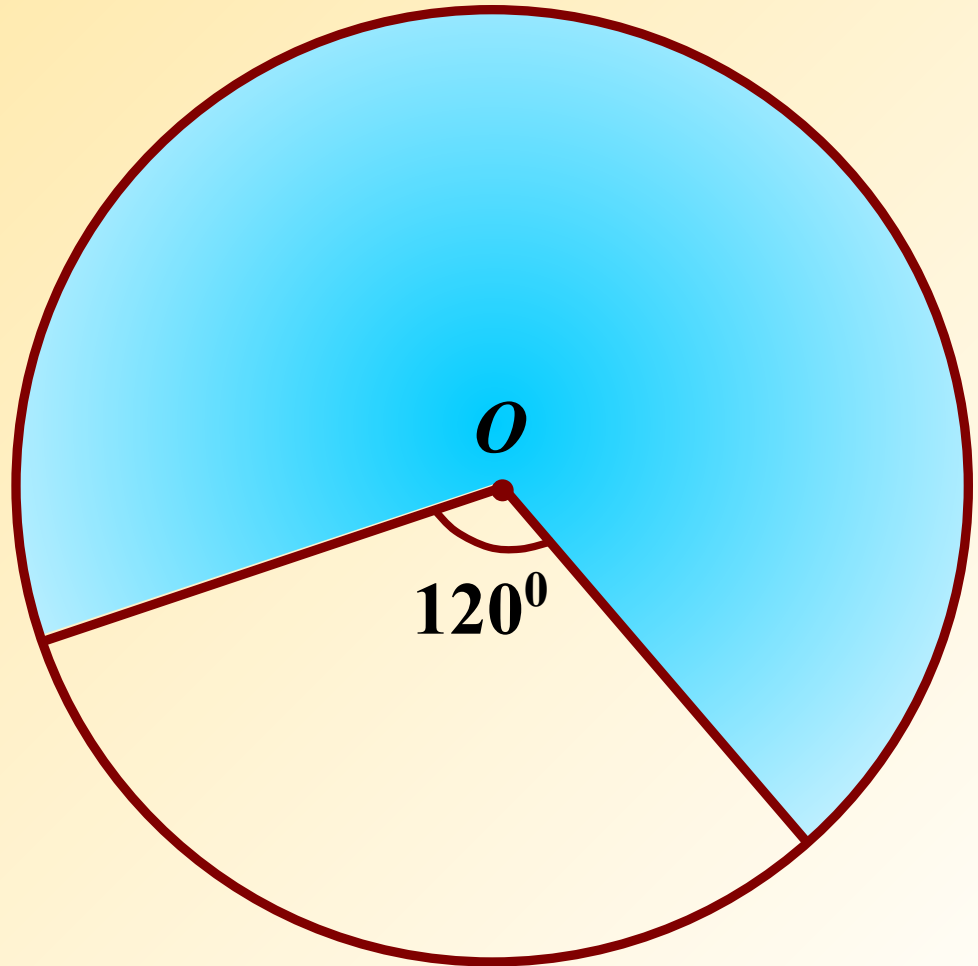
11.

Дано:

$\hat{I} \hat{e} \hat{\delta} .(\hat{I} , R), R = 12$

Найти:

$S \text{ çàèðàøáíí é ôèãóðû}$



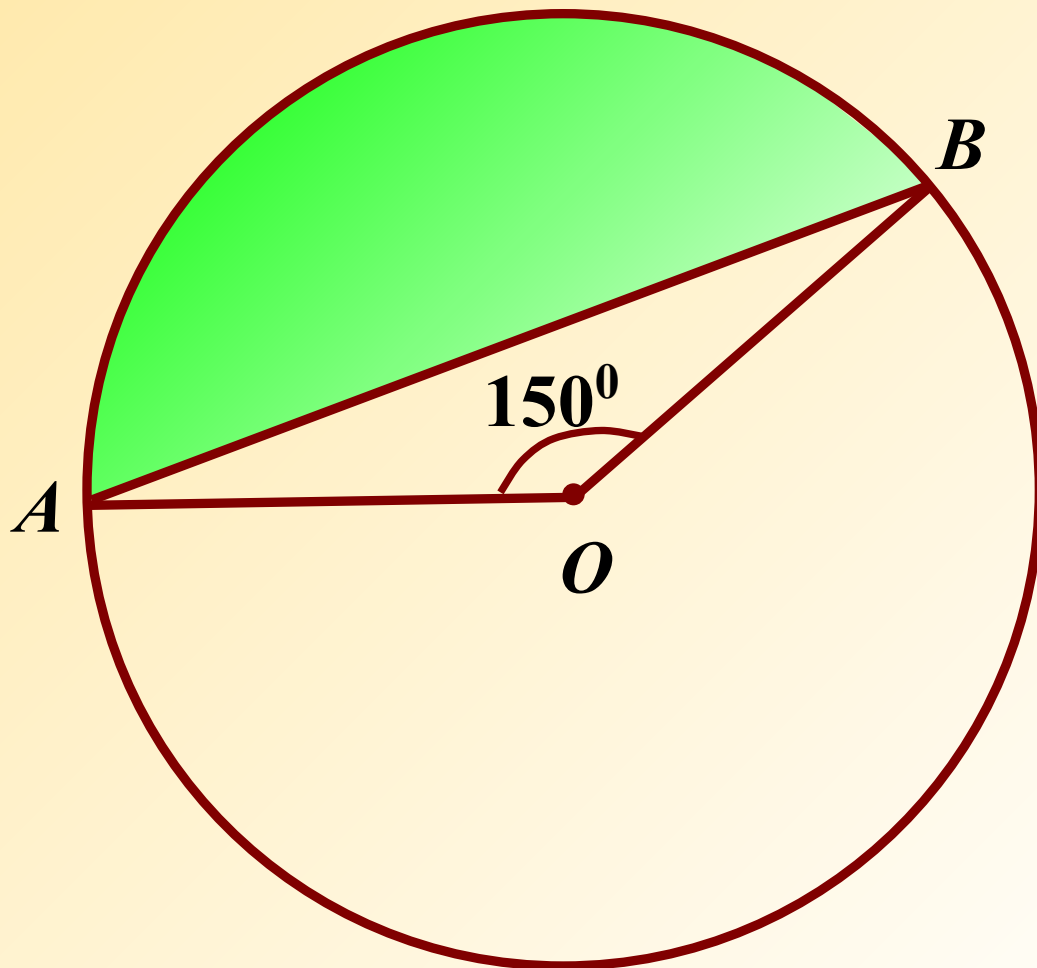
12.

Дано:

$\hat{I} \hat{e} \hat{\delta} . (\hat{I} , R), R = 6$

Найти:

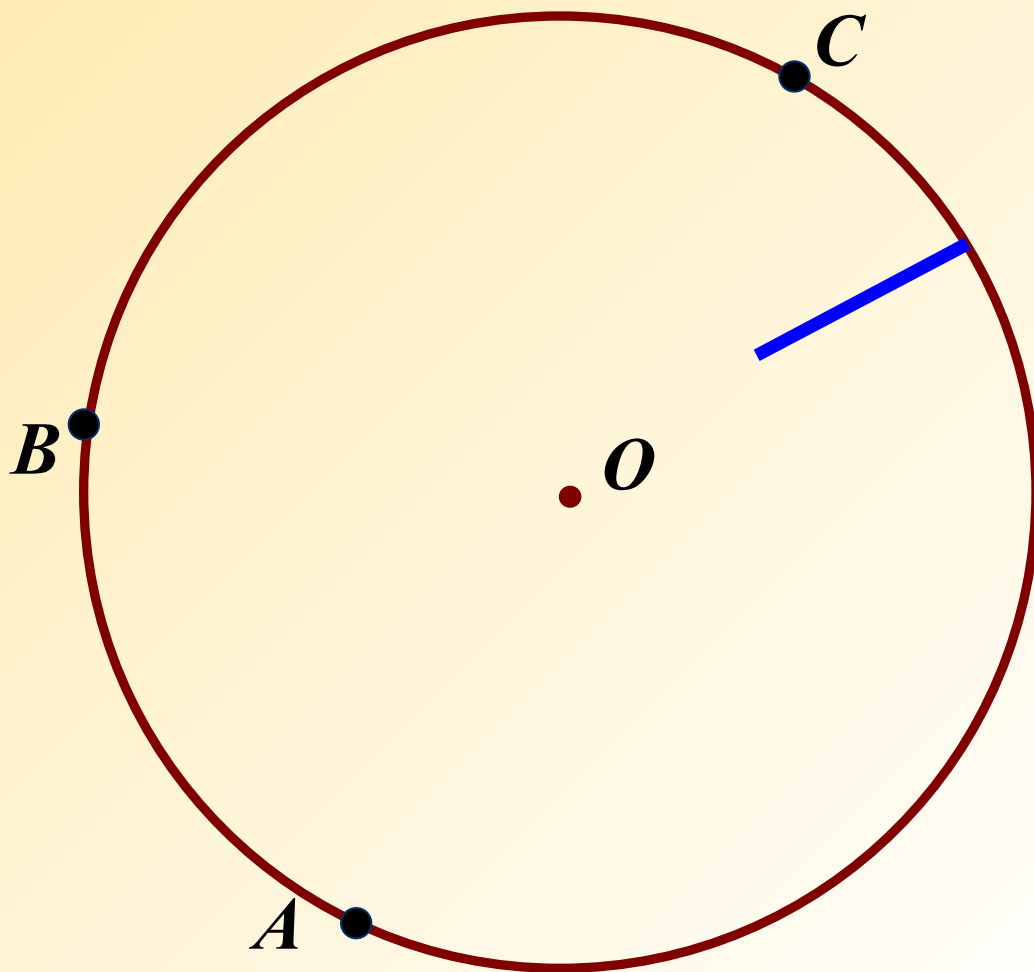
$S \text{ çàèðàøáíí é òèãóðû}$



13.

Дано: $\cup \hat{A}\hat{A} : \cup \hat{A}\hat{N} : \cup \hat{A}\hat{N} = 2 : 3 : 4$

Найти: $\cup \hat{A}\hat{N}$



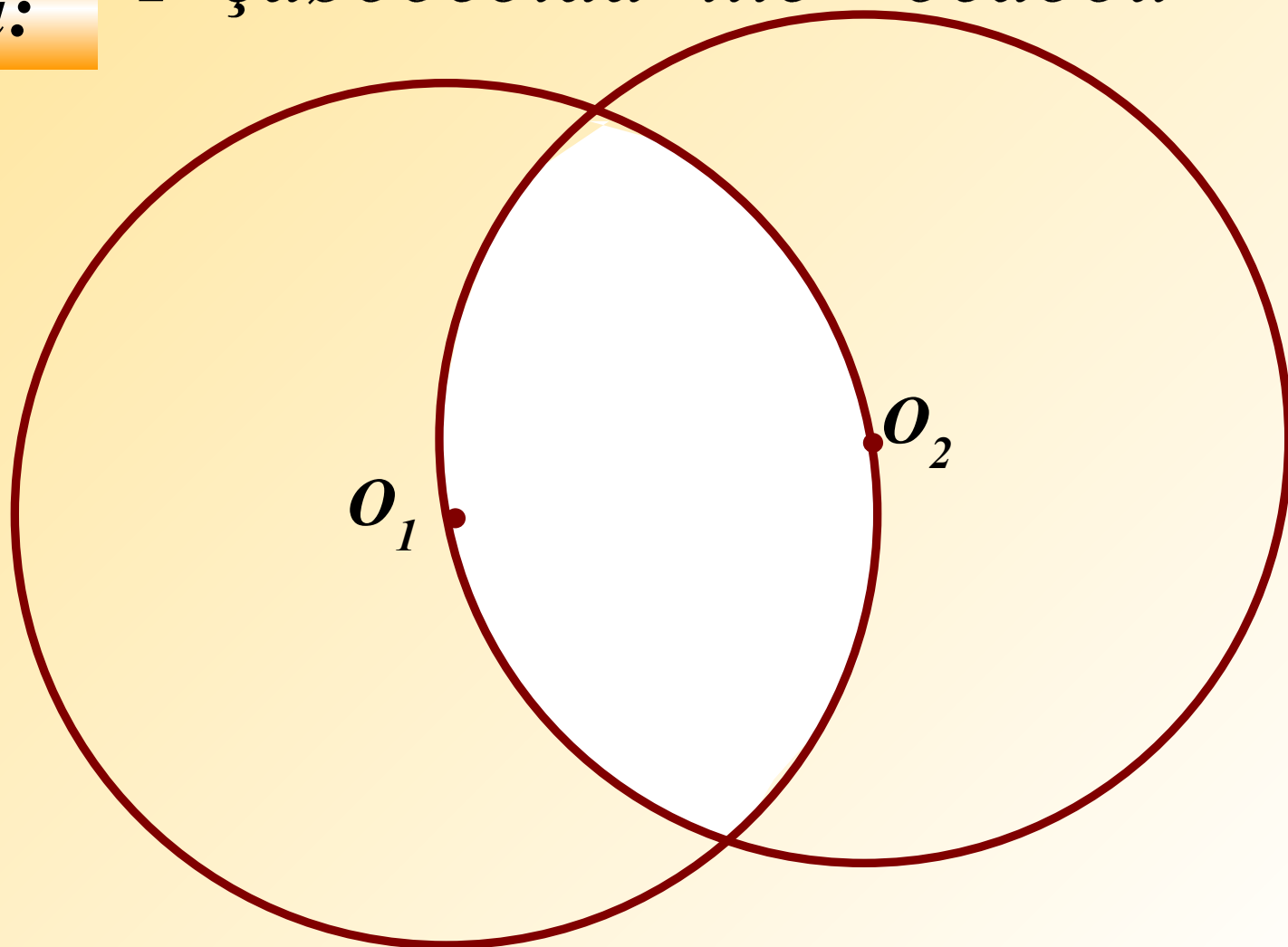
14.

Дано:

$$R_1 = R_2 = 5$$

Найти:

P ζàøòðèõîîâà ïîé ôèãóðû



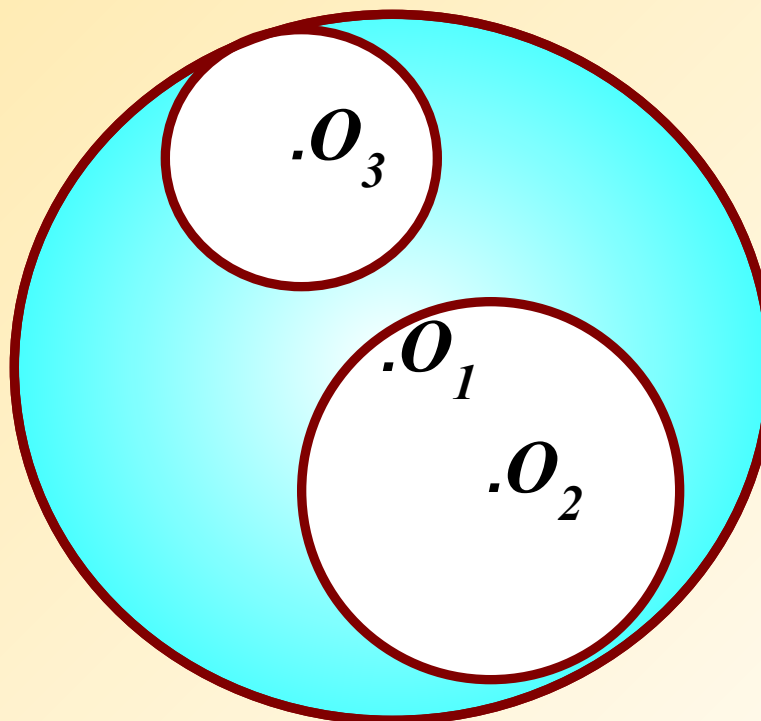
15.

Дано:

$$R_1 = 15, R_2 = 6, R_3 = 7$$

Найти:

S ζàêδàøáíí é ôèãóðû



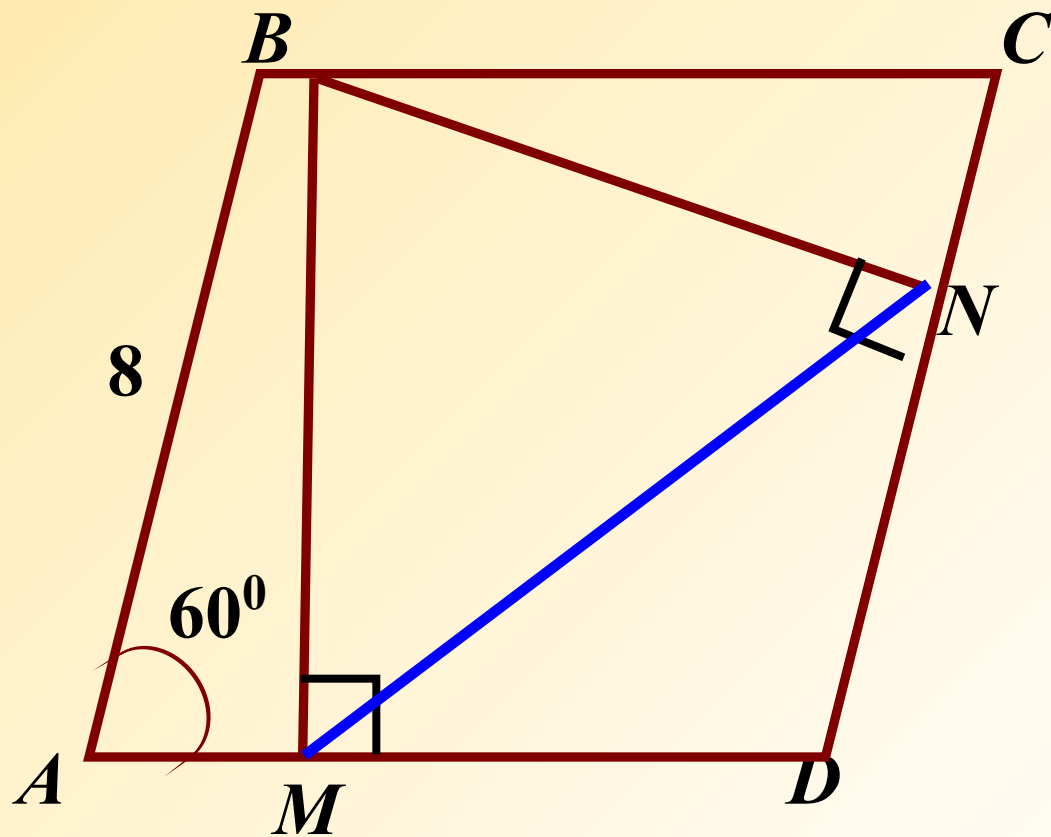
16.

Дано:

$ABCD$ – δία

Найти:

MN



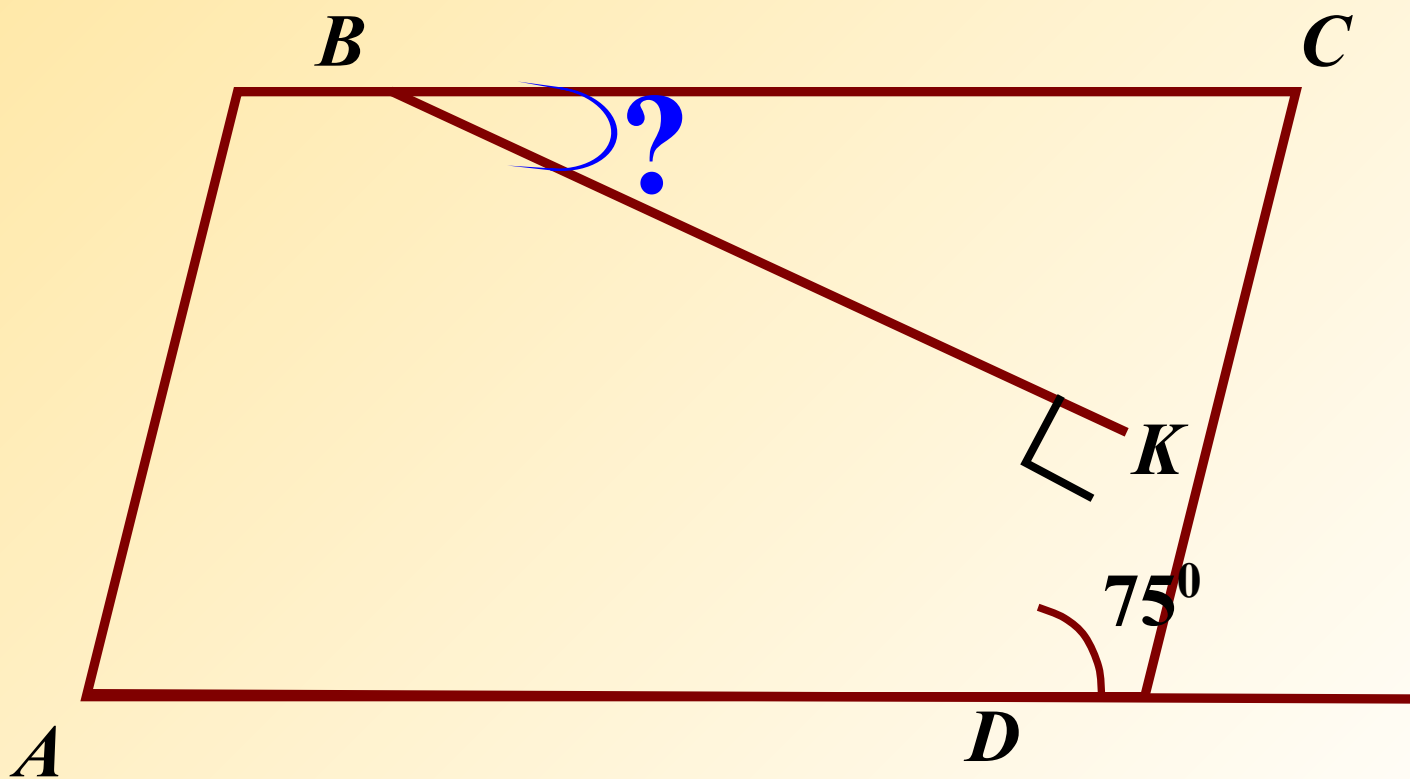
17.

Дано:

$ABCD$ – параллелограмм

Найти:

$\angle BAE$



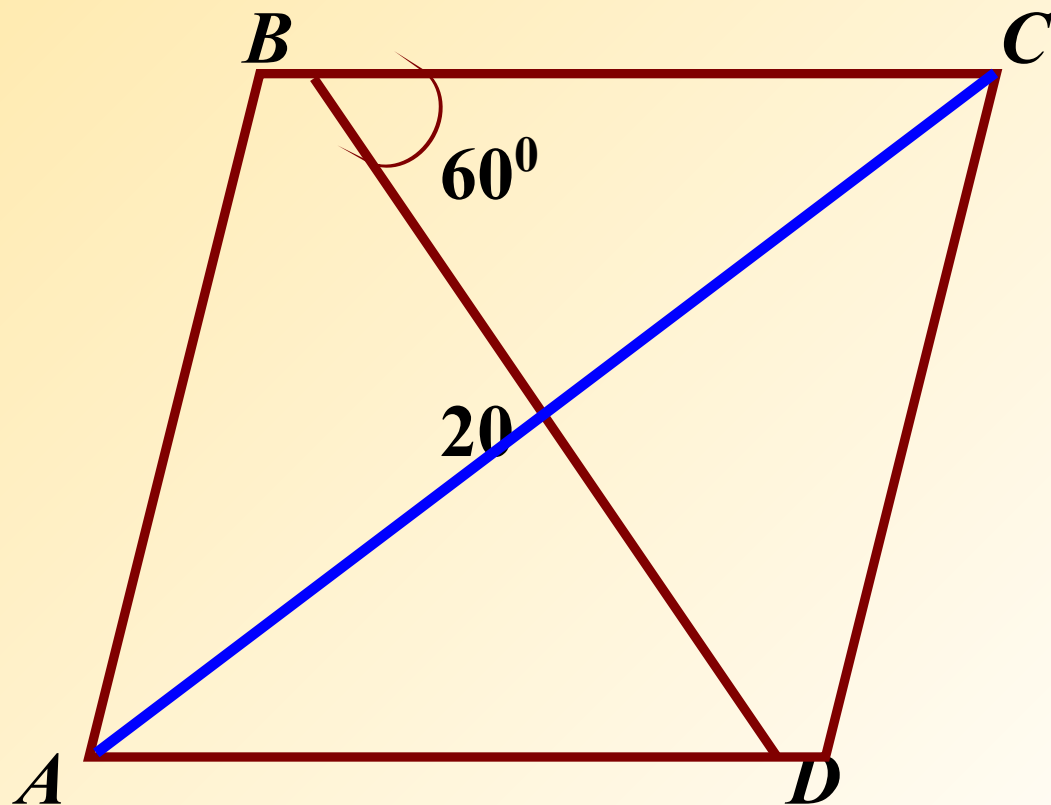
18.

Дано:

$ABCD$ – δ

Найти:

$\angle A\tilde{N}$



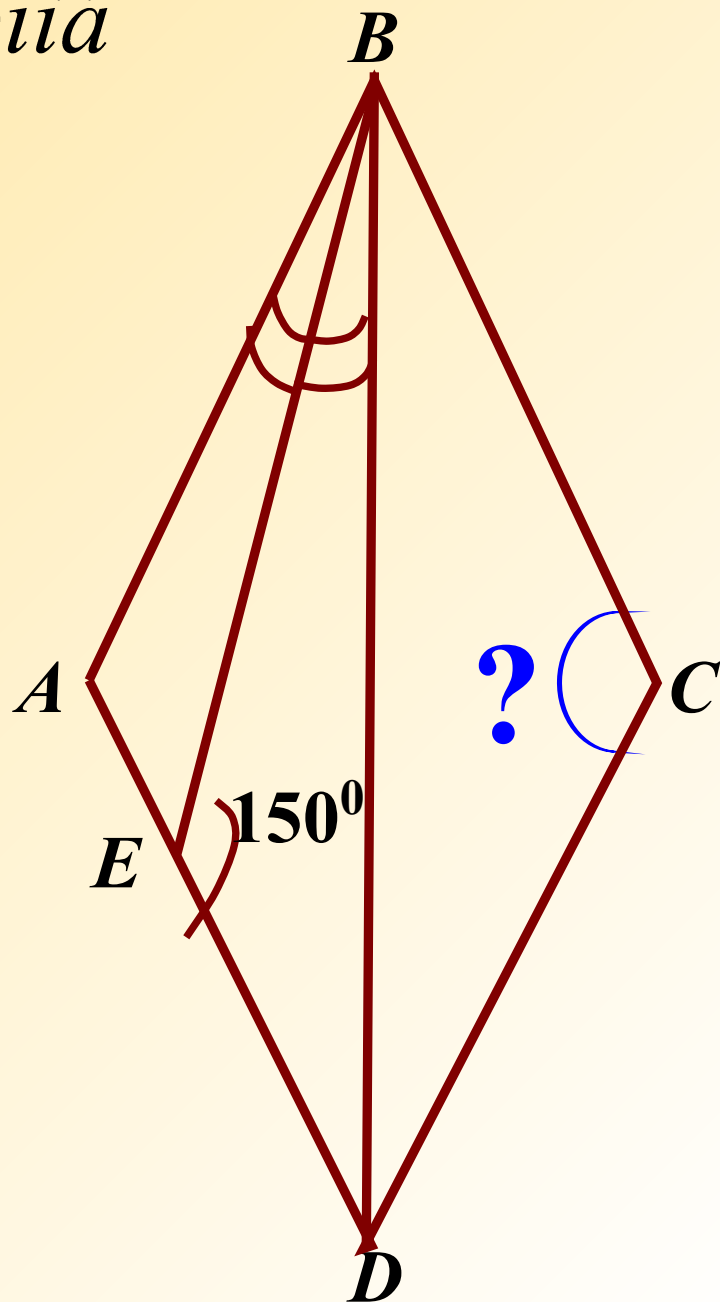
19.

Дано:

$ABCD$ – δία

Найти:

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



20.

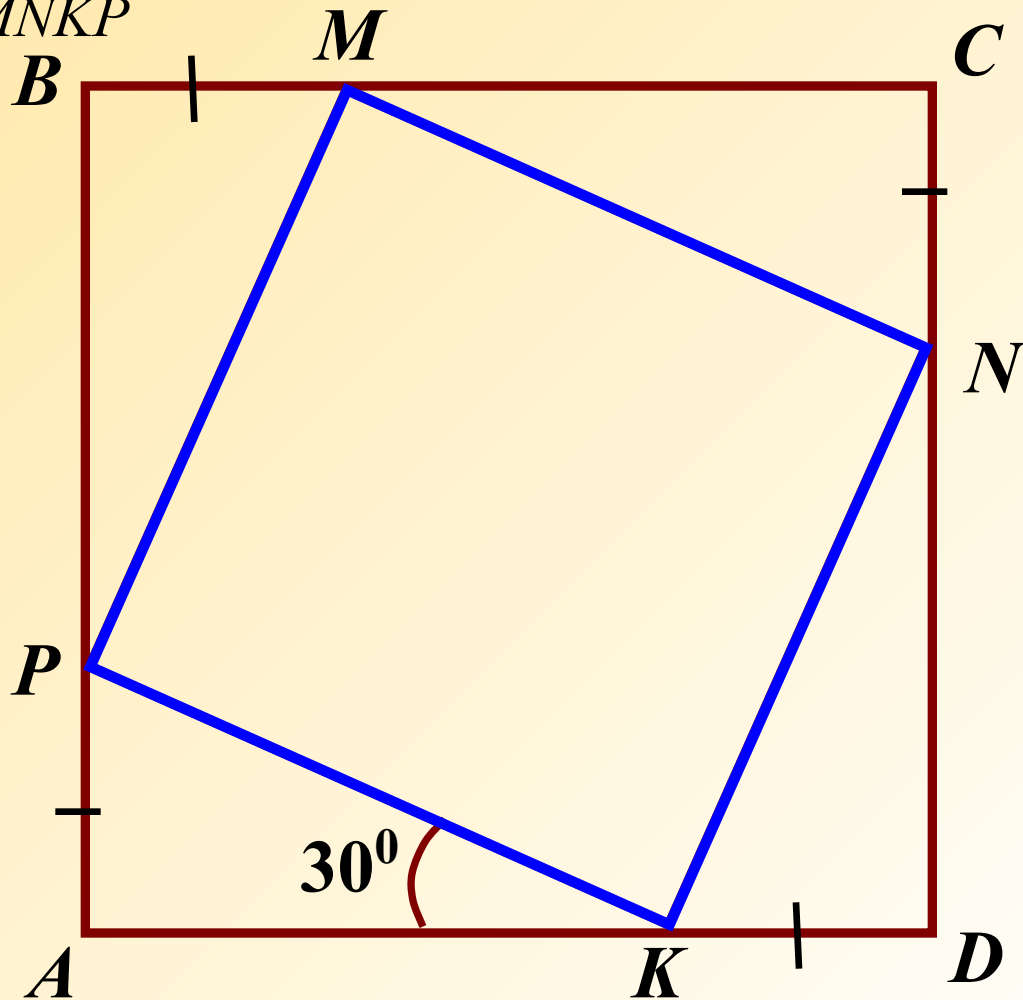
Дано:

$ABCD$ – квадрат

$$P_{ABCD} = 8$$

Найти:

$$P_{MNKP}$$



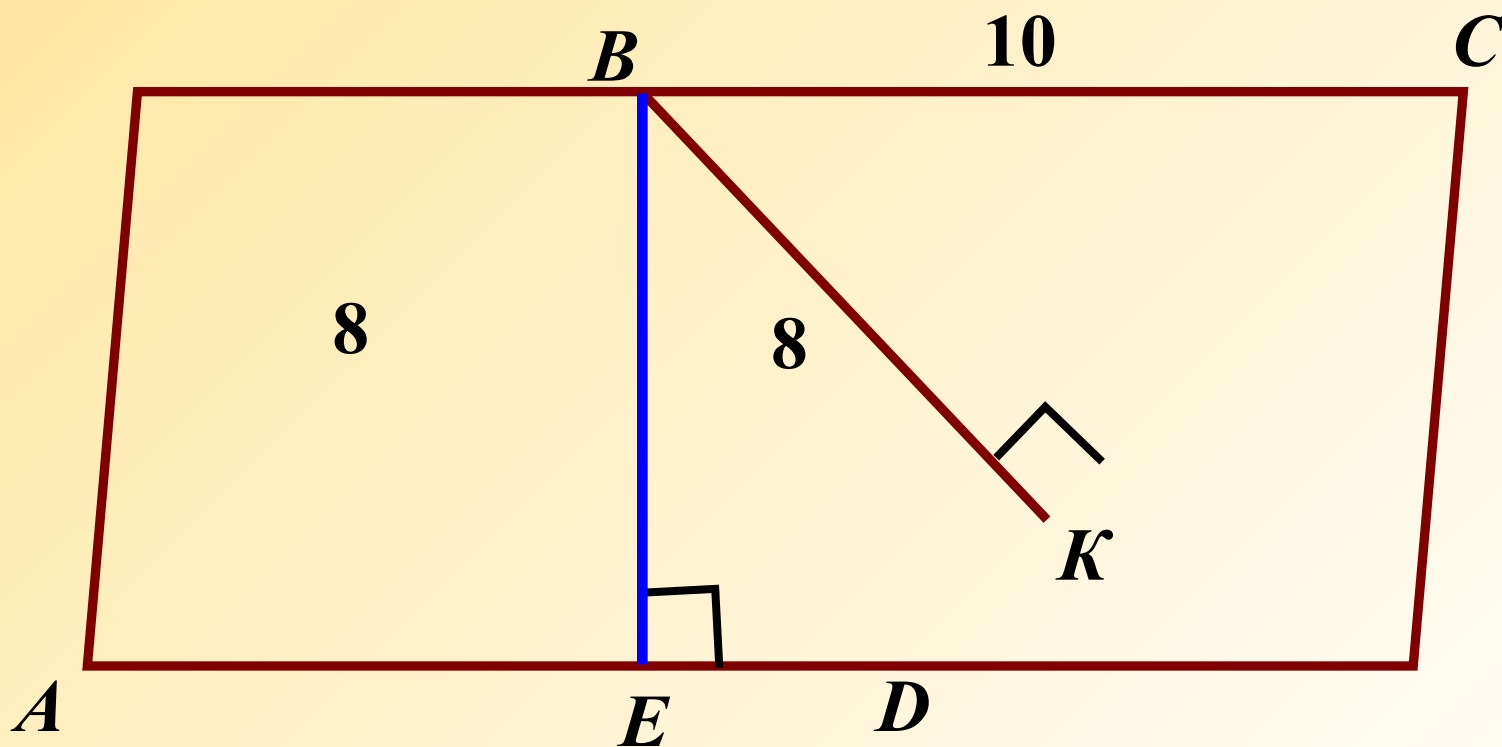
21.

Дано:

$ABCD$ – ïàðàëëäëïã ðàì

Найти:

BE



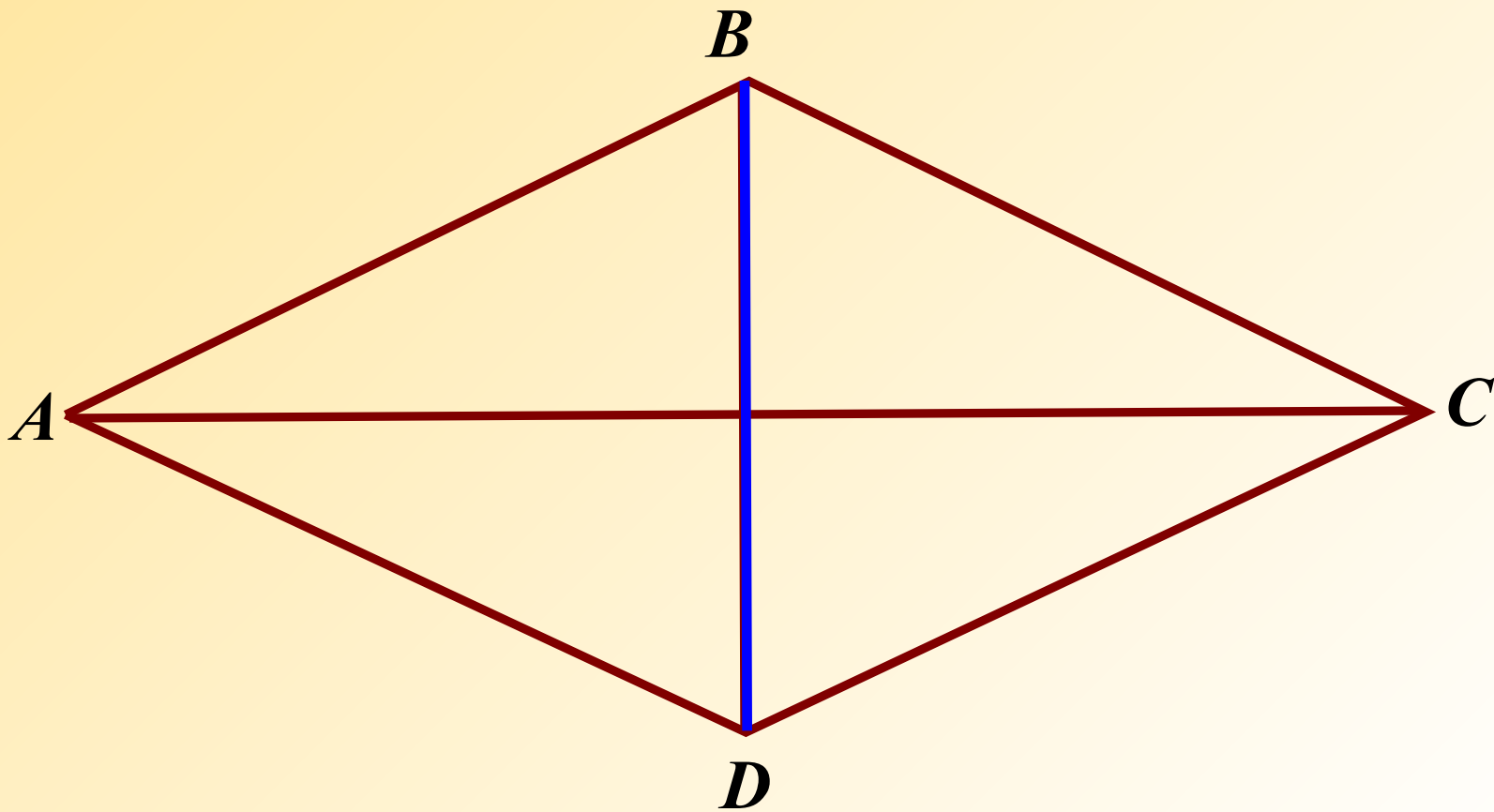
22.

Дано:

$$AC = 12, S_{AB\tilde{N}D} = 48$$

Найти:

BD



23.

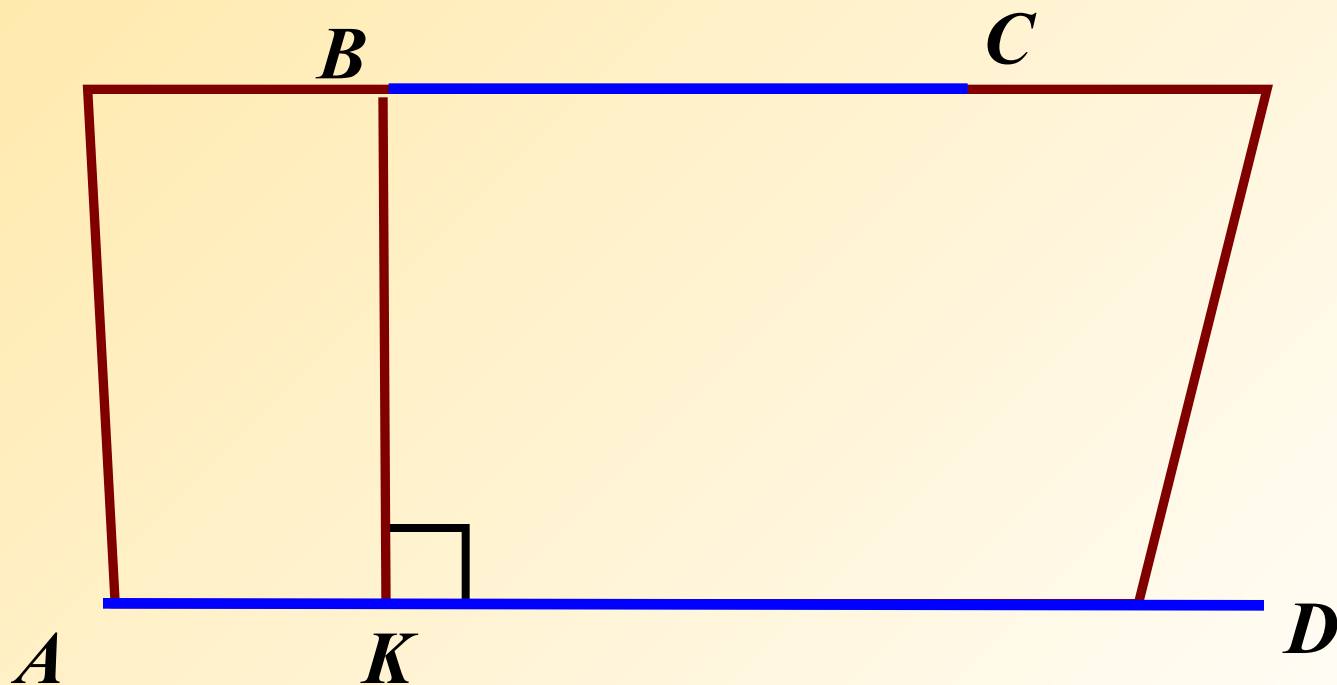
Дано:

$ABCD$ – трапеция

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

Найти:

BC, AD



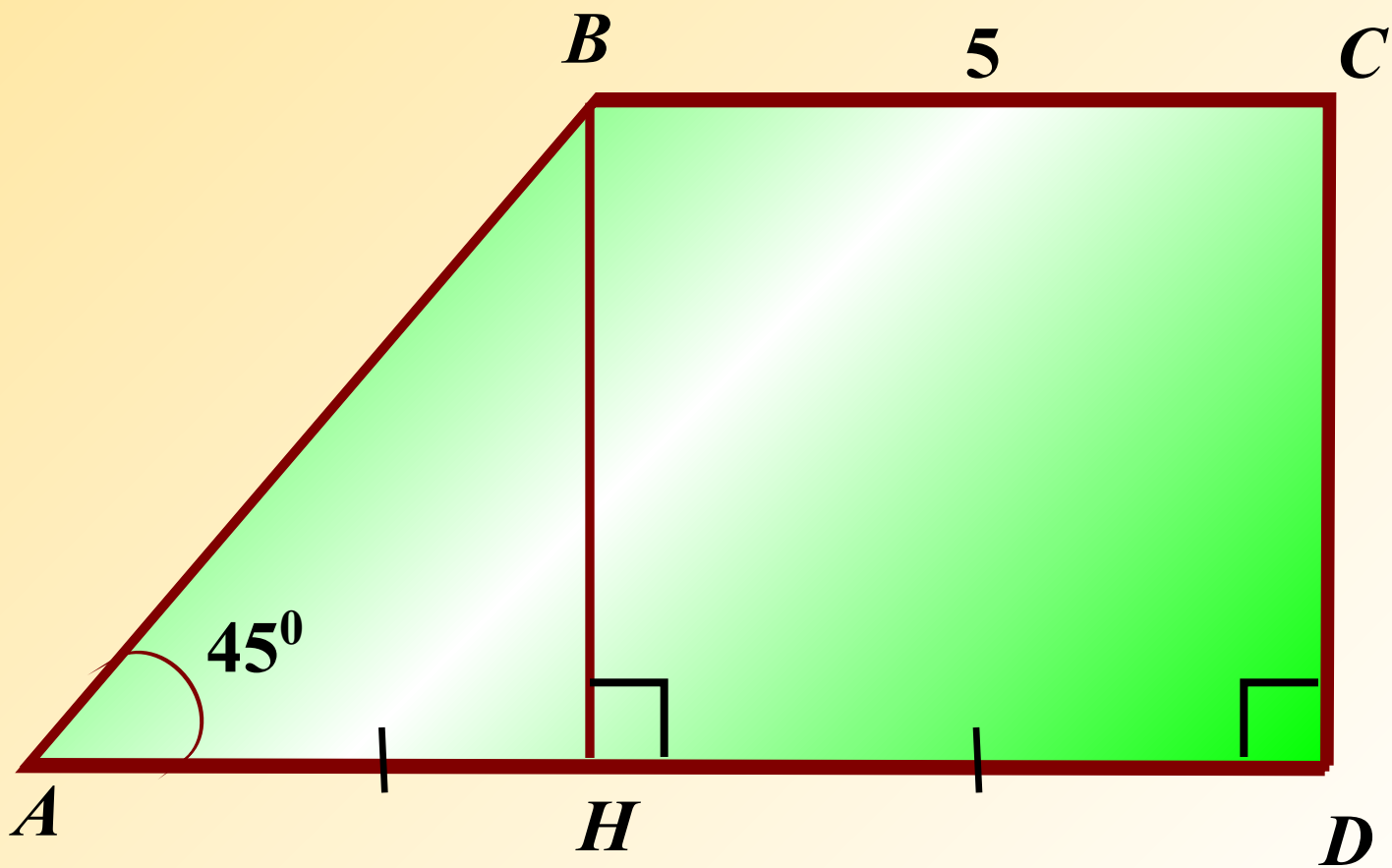
24.

Дано:

$ABCD$ – трапеция

Найти:

S_{ABCD}



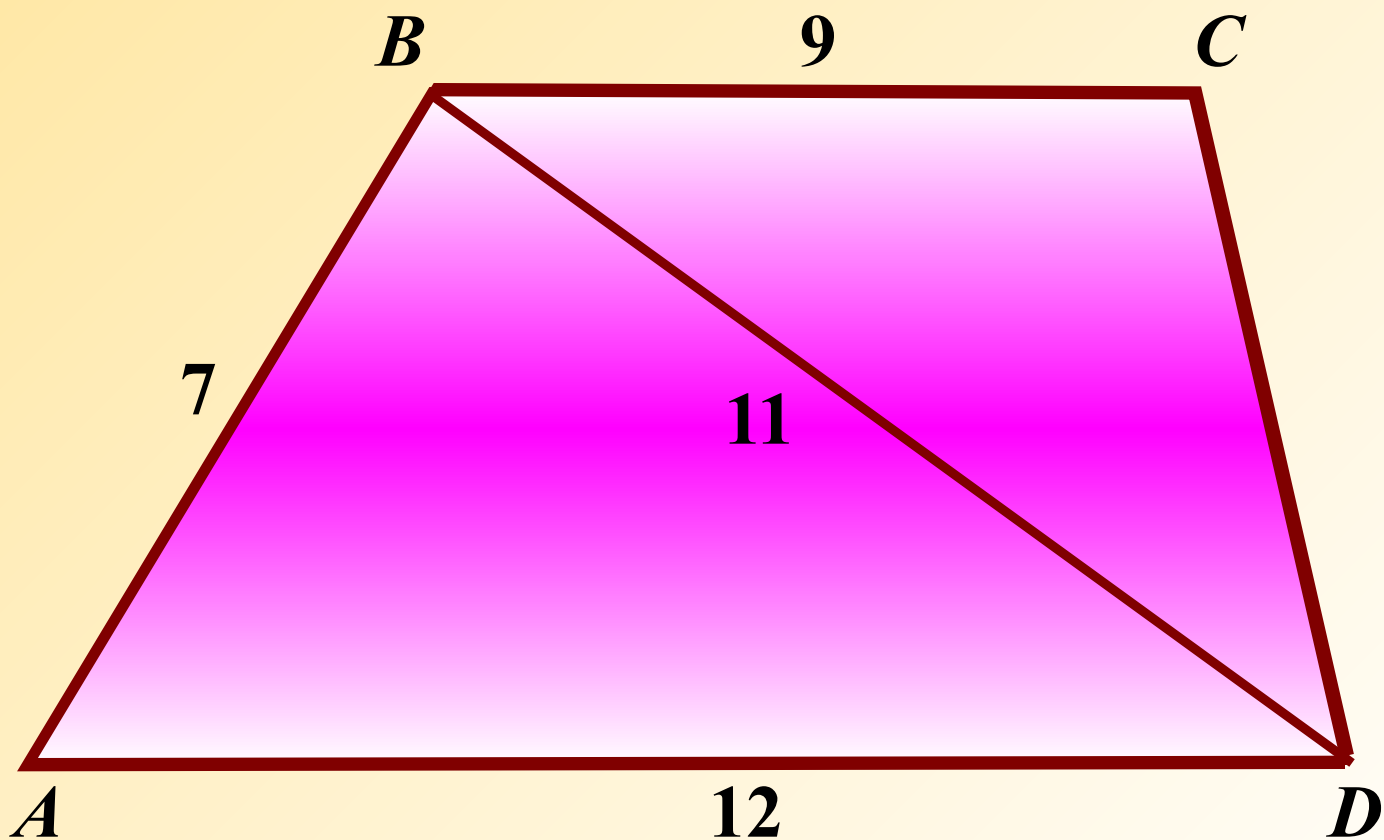
25.

Дано:

$ABCD$ – трапеция

Найти:

S_{ABCD}



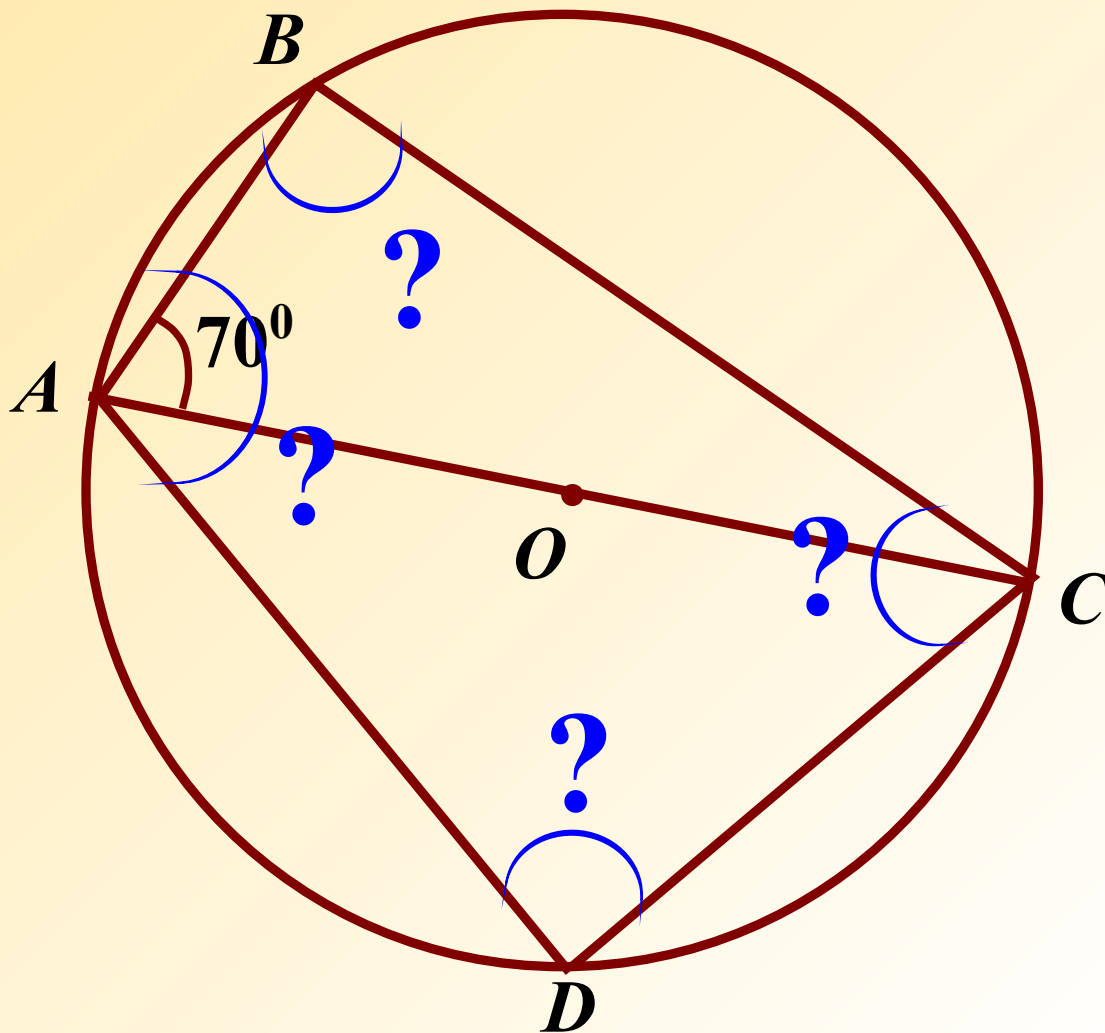
26.

Дано:

$$\angle A = 70^\circ, \angle C = 80^\circ$$

Найти:

Углы $\angle B$ и $\angle D$ в $ABCD$



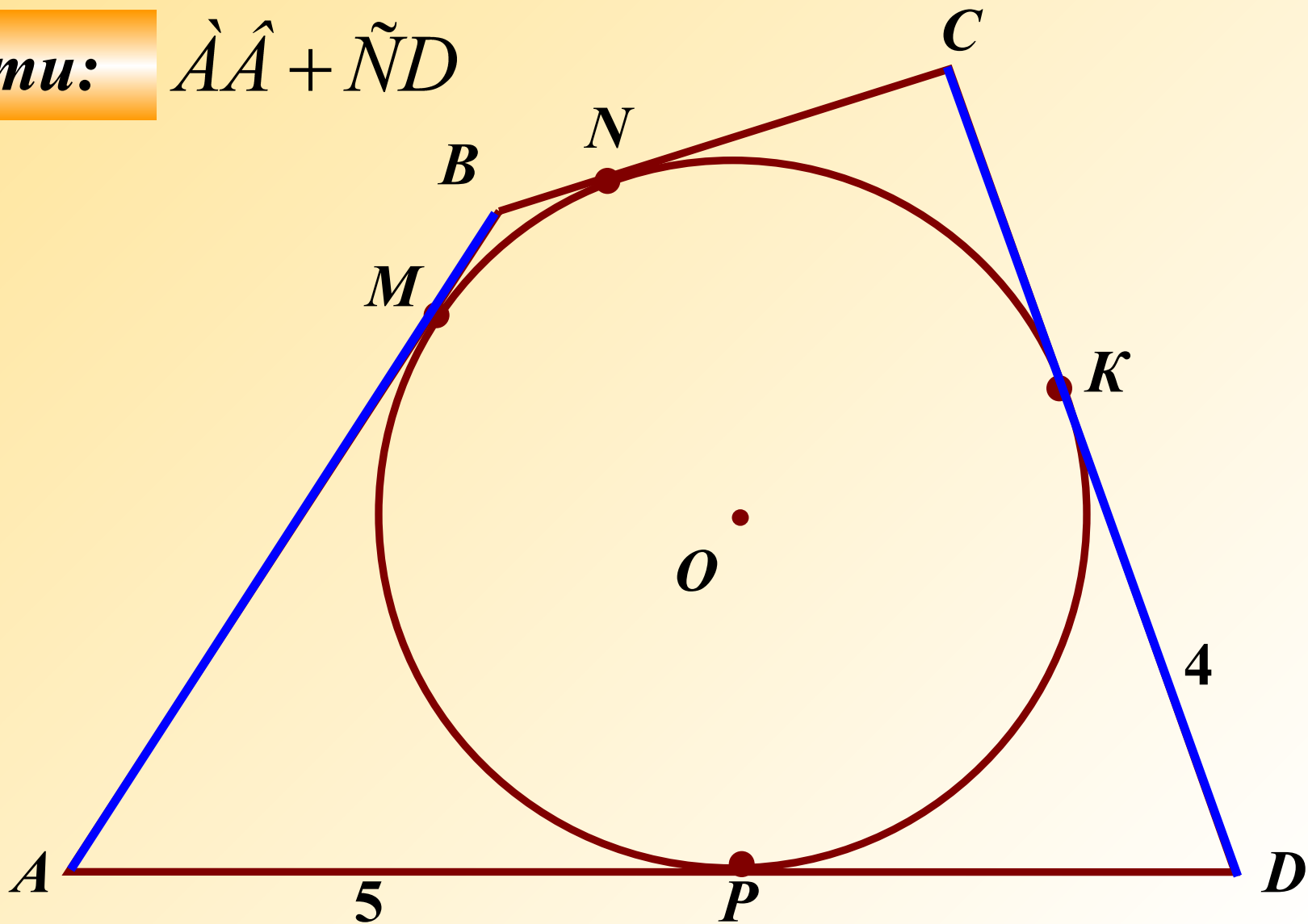
27.

Дано:

M, N, K, P – точки касания
 $AN = 5$

Найти:

$$AN + ND$$



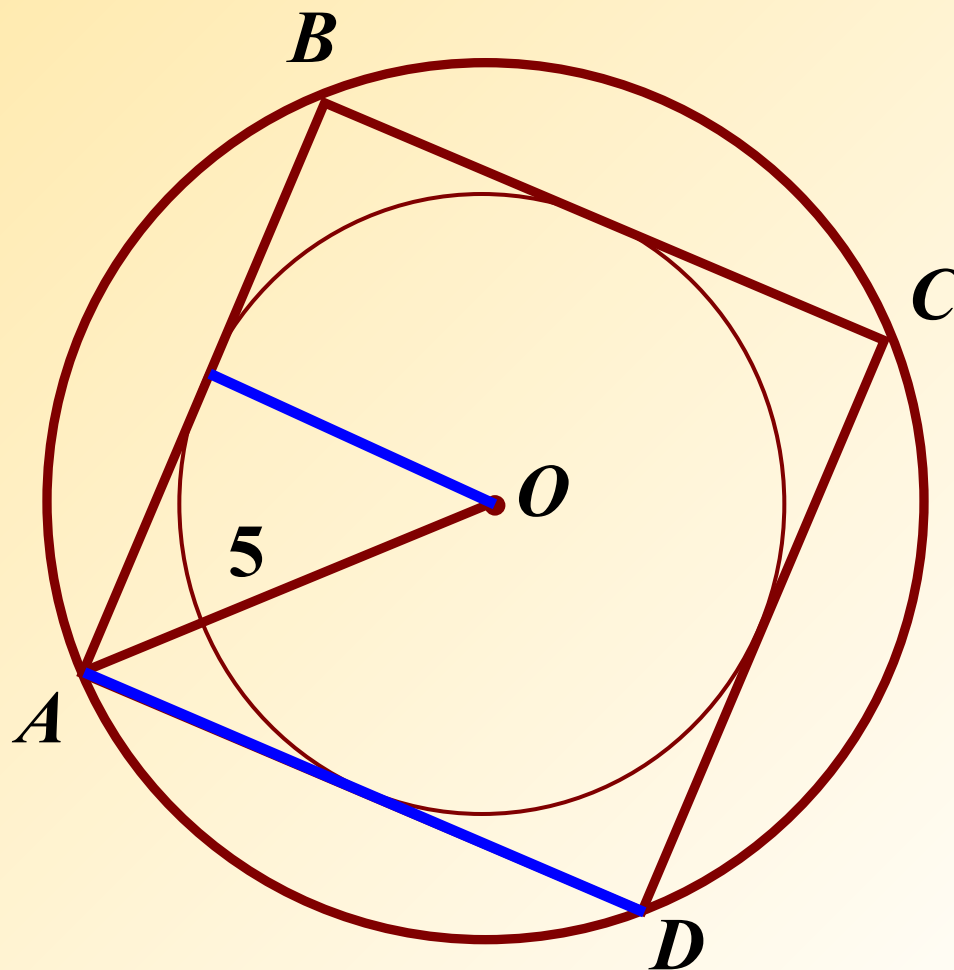
28.

Дано:

$ABCD$ – *in*scribed quadrilateral

Найти:

AD , r



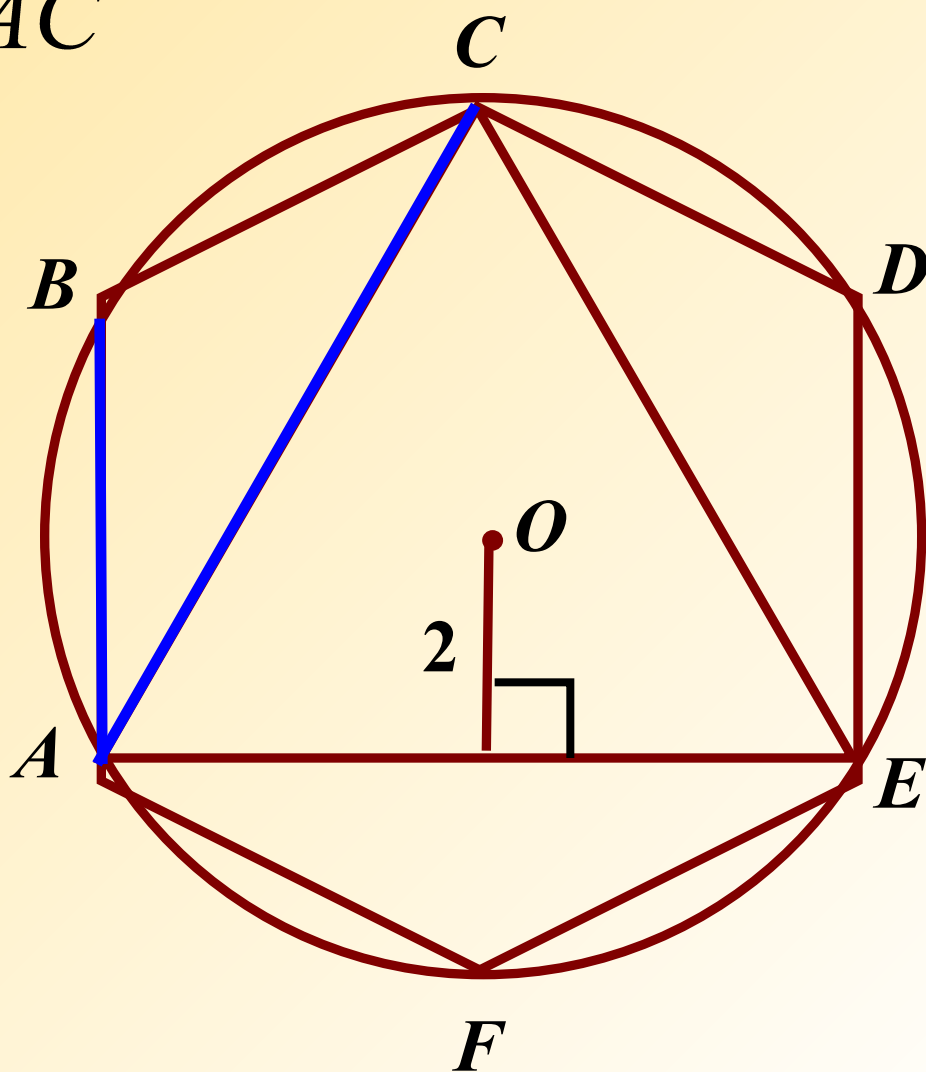
29.

Дано:

$ABCDEF$ – $io\grave{a}a\grave{e}\ddot{e}\ddot{u}\ddot{i}\hat{u}\acute{e}$

Найти:

$\hat{A}B, AC$



30.

Дано:

$ABCDEF$ – $i\delta\grave{a}\acute{a}\grave{e}\grave{e}\ddot{u}\acute{i}\acute{u}\acute{e}$

Найти:

R, S_{ABCDEF}

