Решение задач на готовых чертежах.

Итоговое повторение. Часть 2. Окружность. Многоугольники.

Геометрия. 9 класс.

Каратанова Марина Николаевна
МОУ СОШ №256 г.Фокино

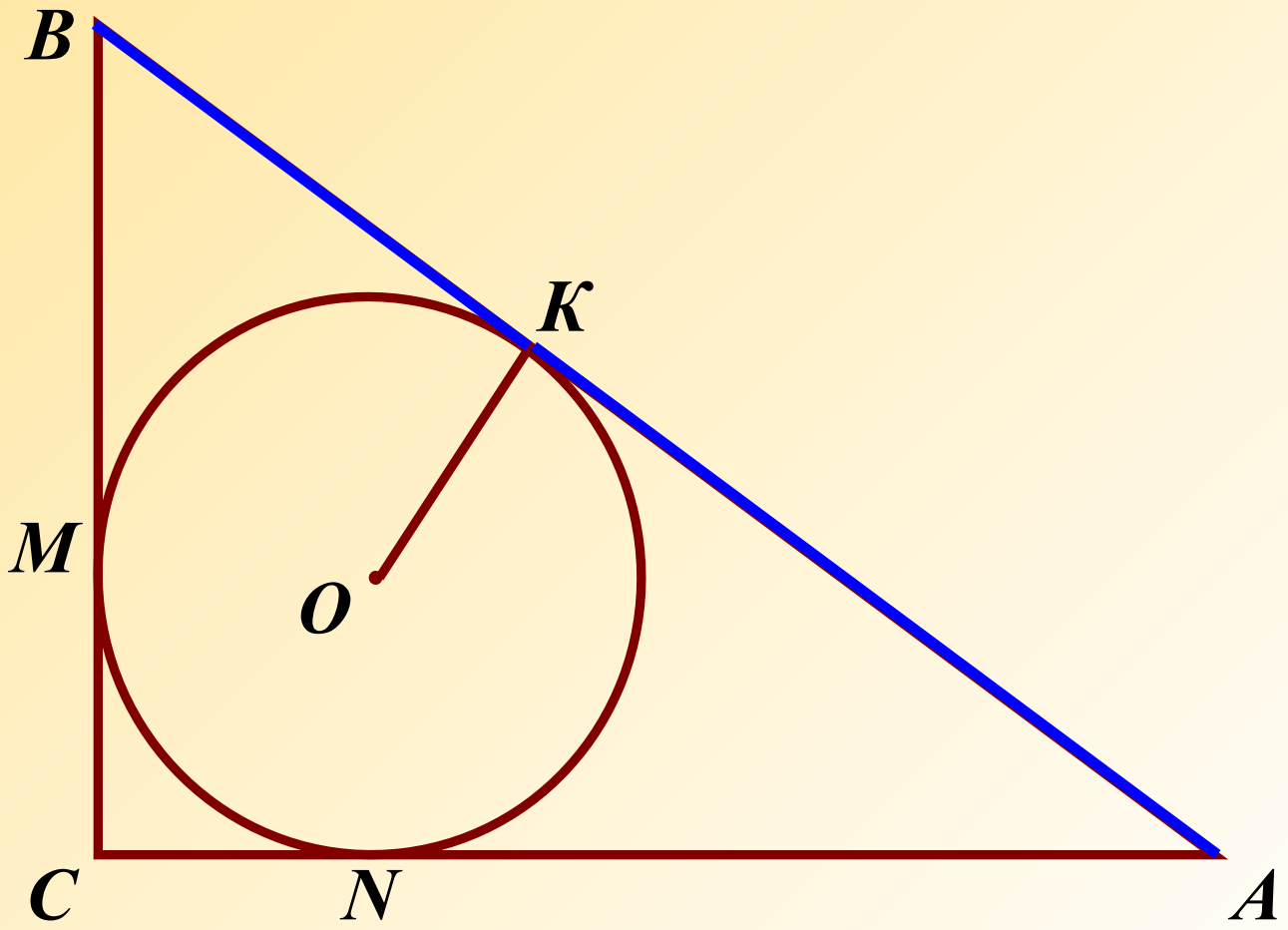
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

1.

Дано: $\hat{I}\hat{e}\eth\ .(\hat{I}\ ,\hat{I}\hat{E}\ ),\ \hat{I}\hat{E}\ = 3\tilde{n}\grave{i}$

$\grave{A}\hat{A} = 15\tilde{n}\grave{i}$

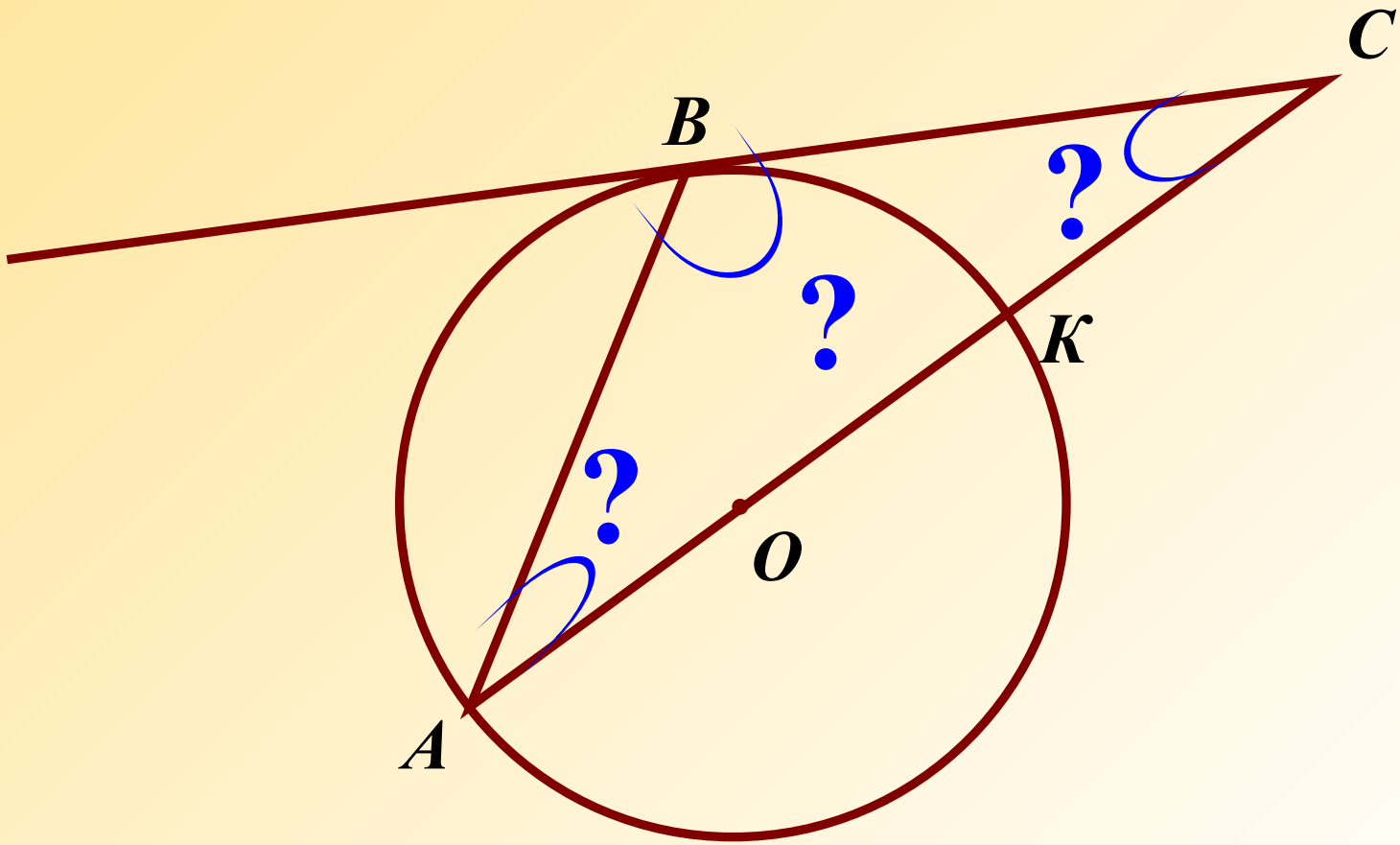
Найти: $\grave{A}\hat{E},\ \hat{E}B$



2.

Дано: $B - \text{òî÷êà êàñà íèÿ}$, $\cup BE = 58^0$

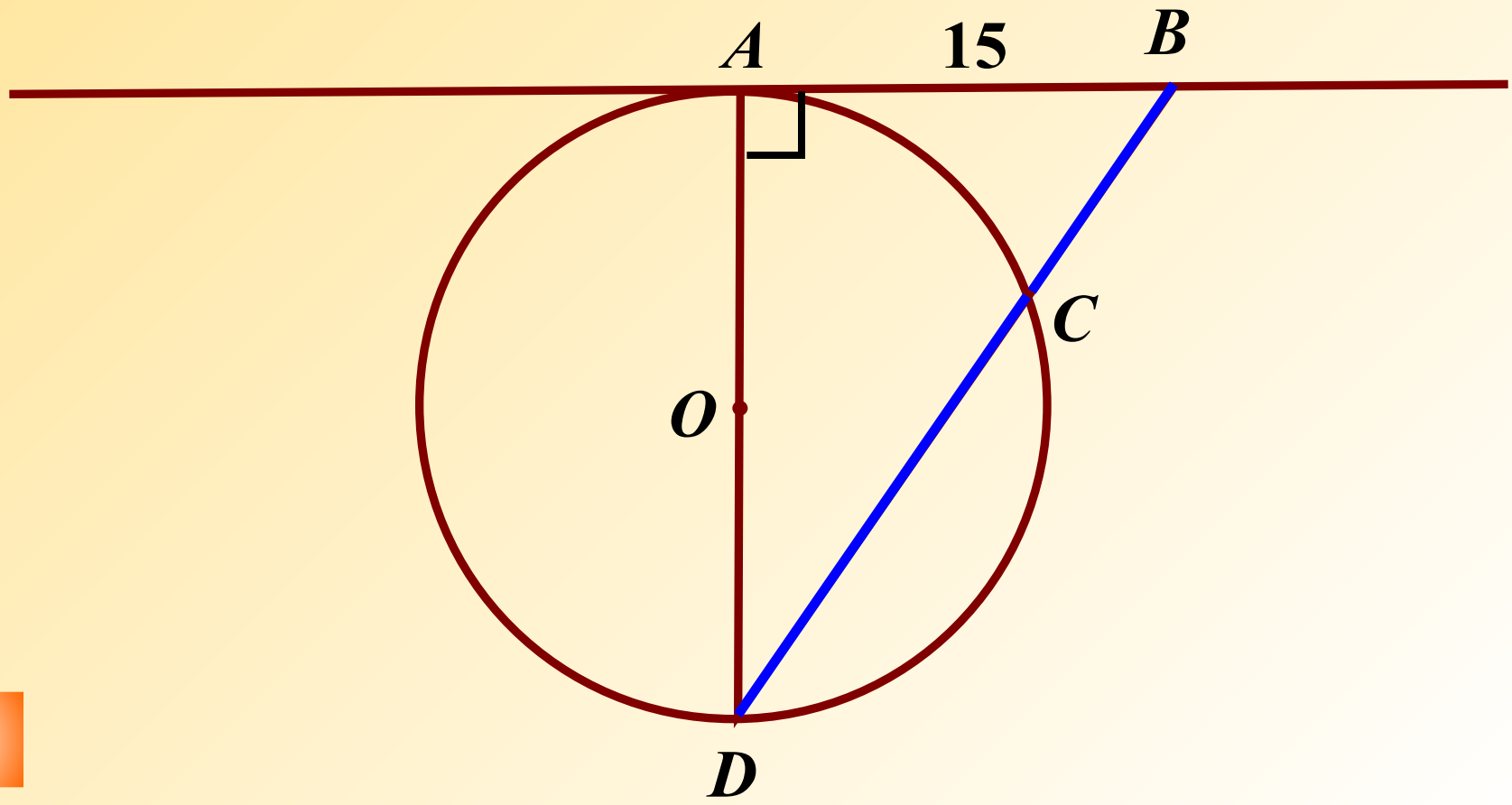
Найти: $\angle A, \angle B, \angle C$



3.

Дано: $\hat{I}\hat{e}\eth\ .(\hat{I}\ , R),\ AB = 15$

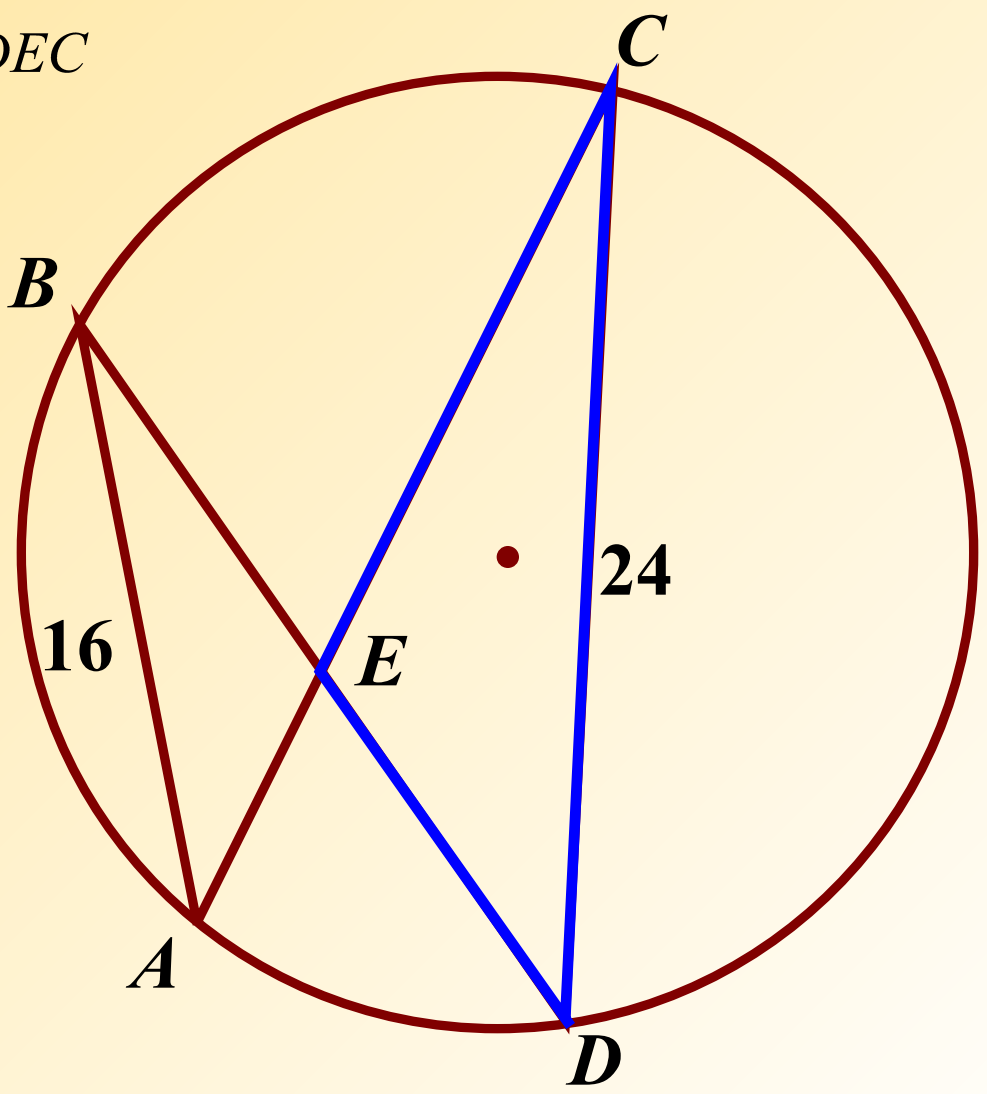
Найти: $DC,\ BC$



4.

Дано: $P_{ABE} = 28$

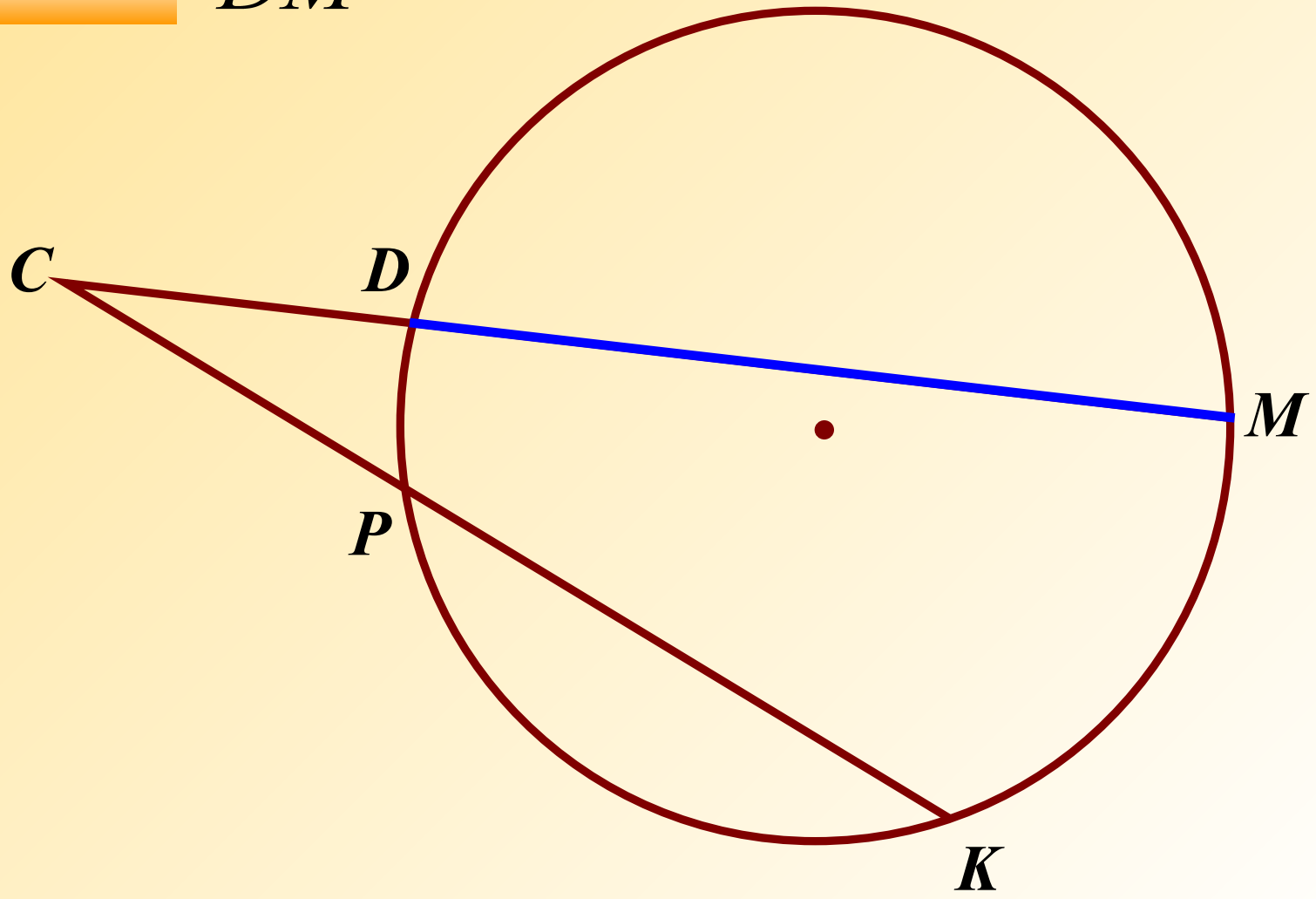
Найти: P_{DEC}



5.

Дано: $CK = 16, CP = 6, CM = 24$

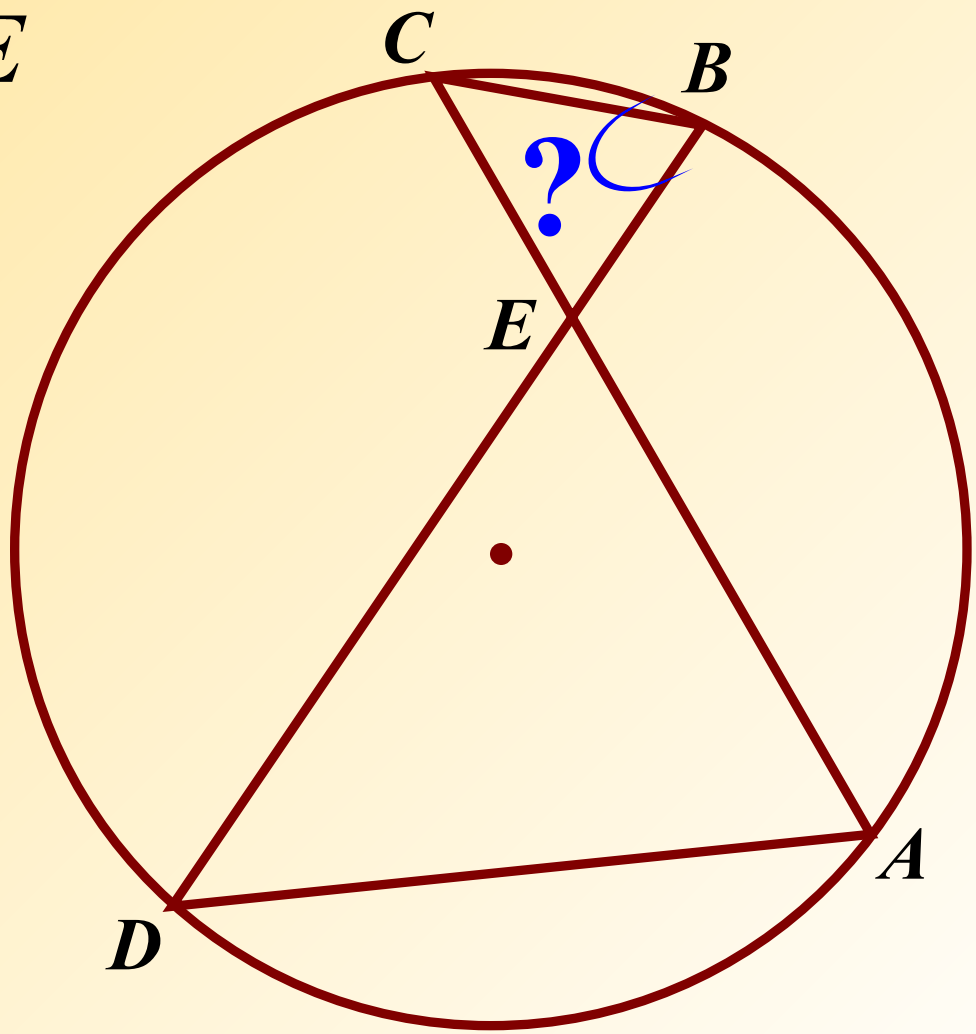
Найти: DM



6.

Дано: $\angle DEC > \angle BEC$ â 9 ðàç,
$\angle DAE > \angle BEC$ íà 61^0

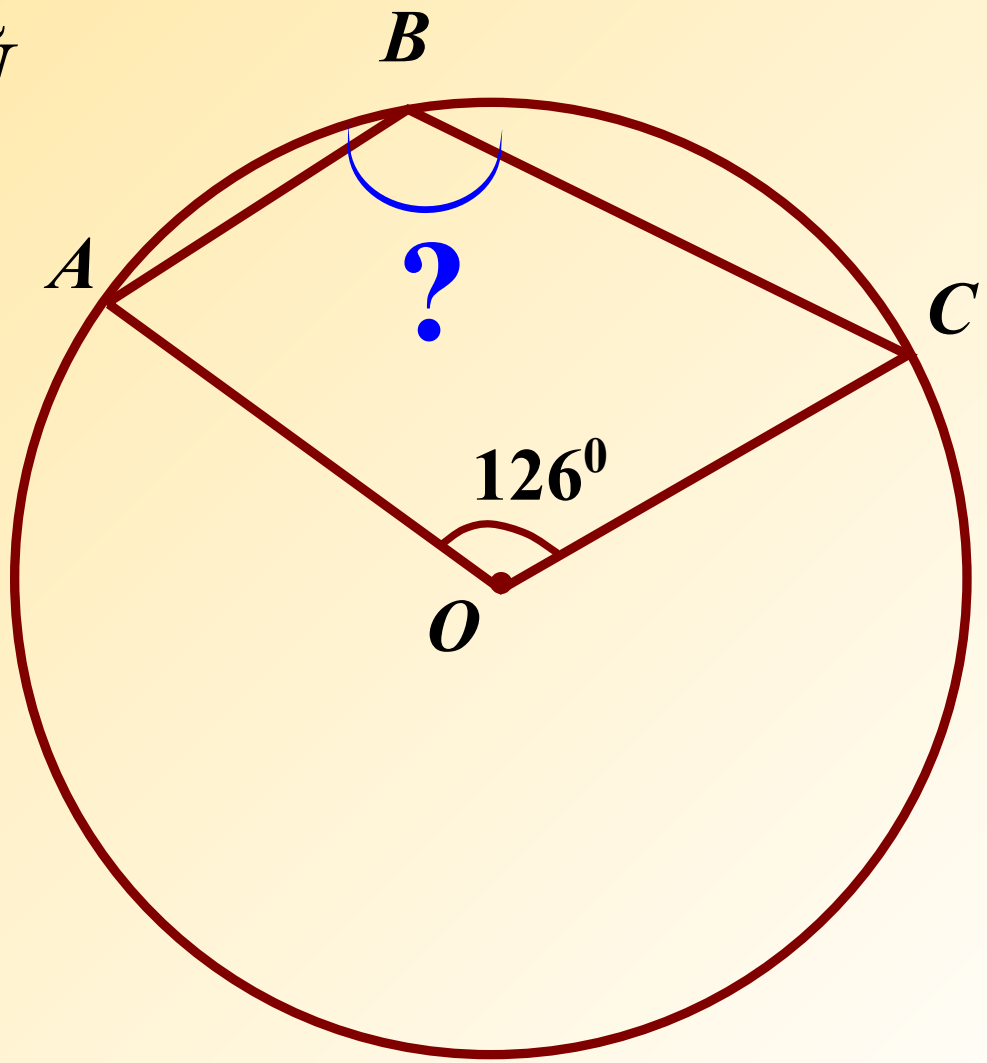
Найти: $\angle CBE$



7.

Дано: $Îêð\ .(Î\ , R)$

Найти: $\angle ÀÂÑ$

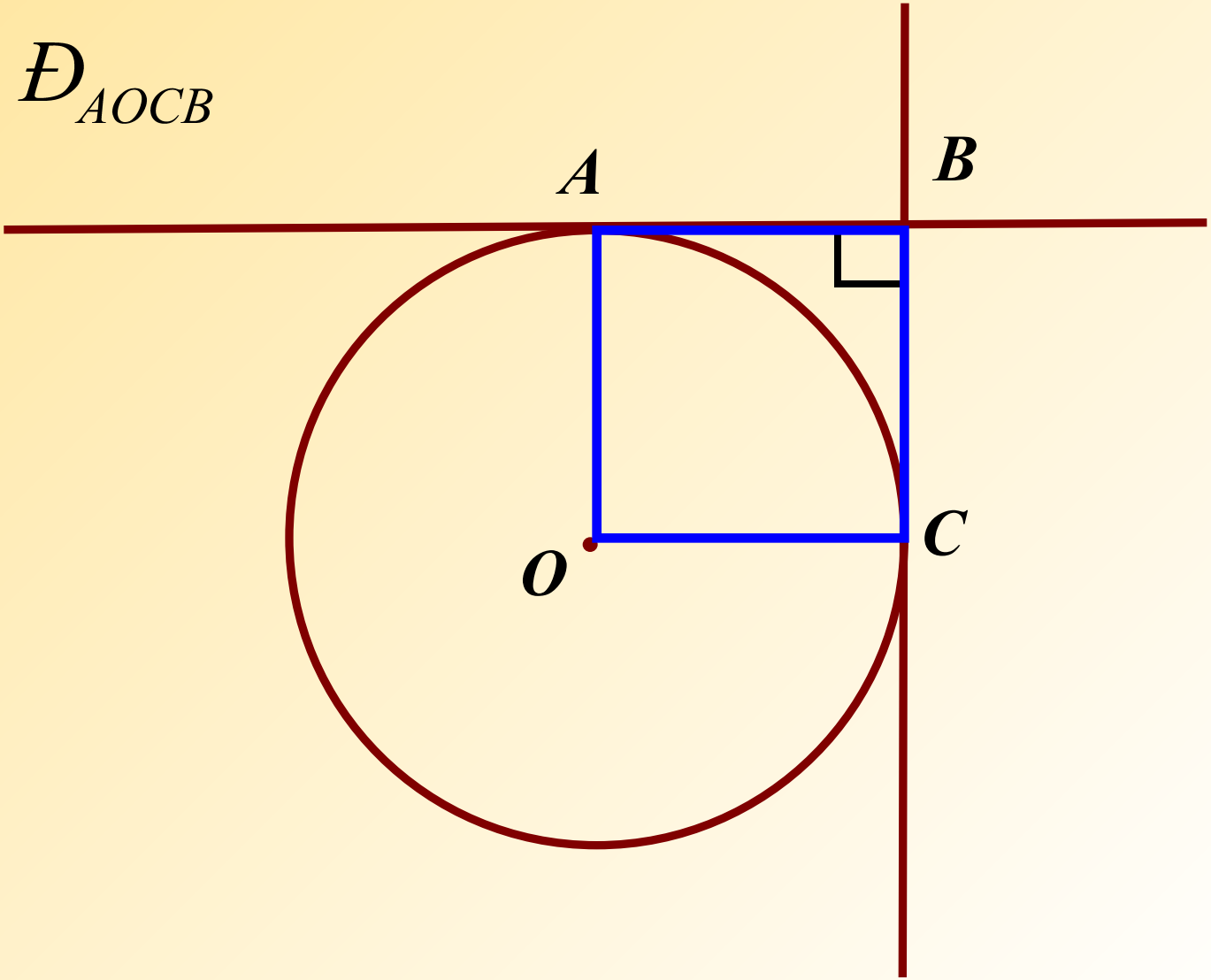


8.

Дано: $Îêð.(Î, R),\ R = 11$

$ÀÂ$ è $ÂÑ$ – êàñàòåëüíûå

Найти: $Ð_{AOCB}$

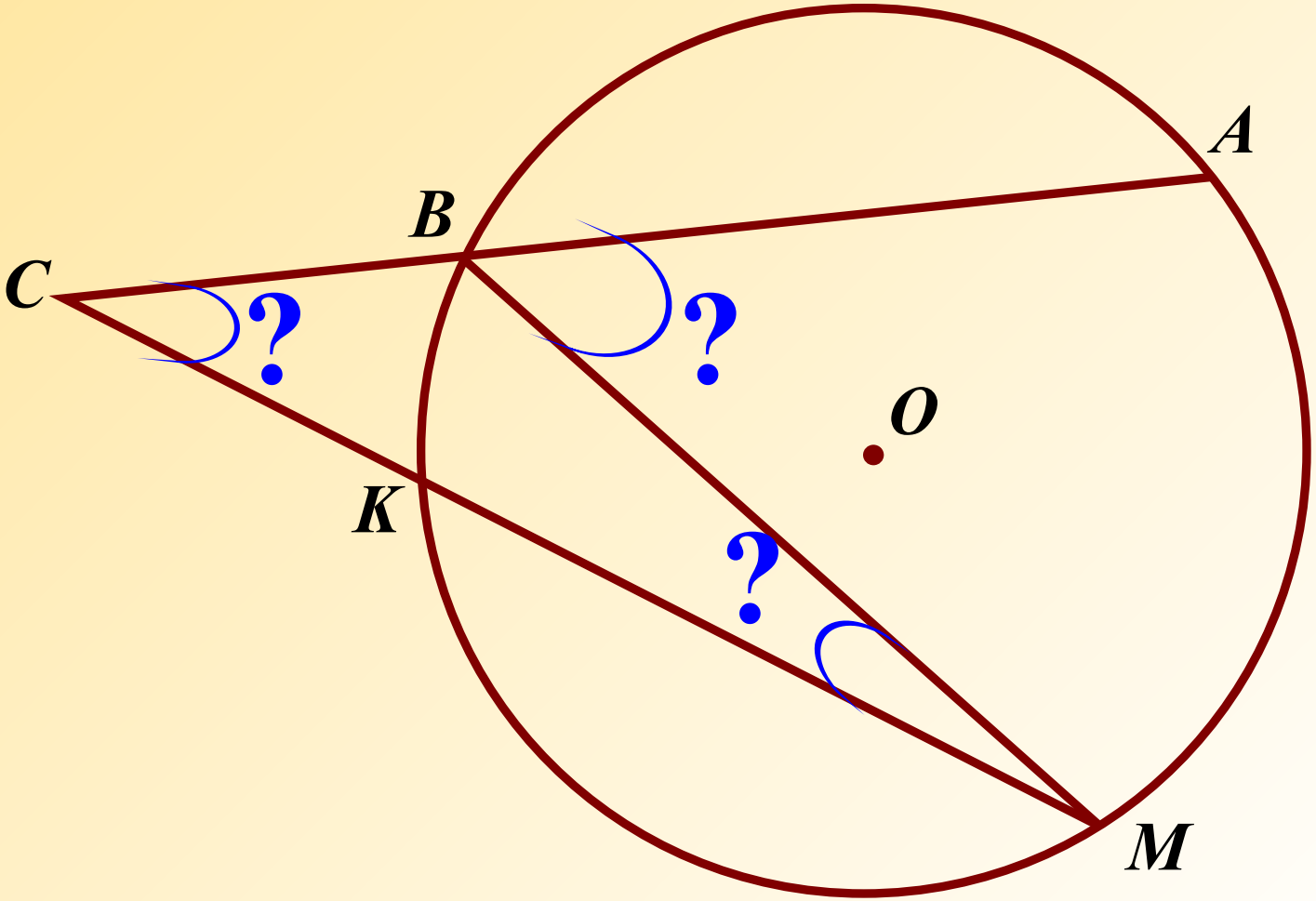


9.

Дано: $Îêð\ .(Î\ ,R)$

$\cup ÂÊ = 40^0, \cup ÀÌ = 100^0$

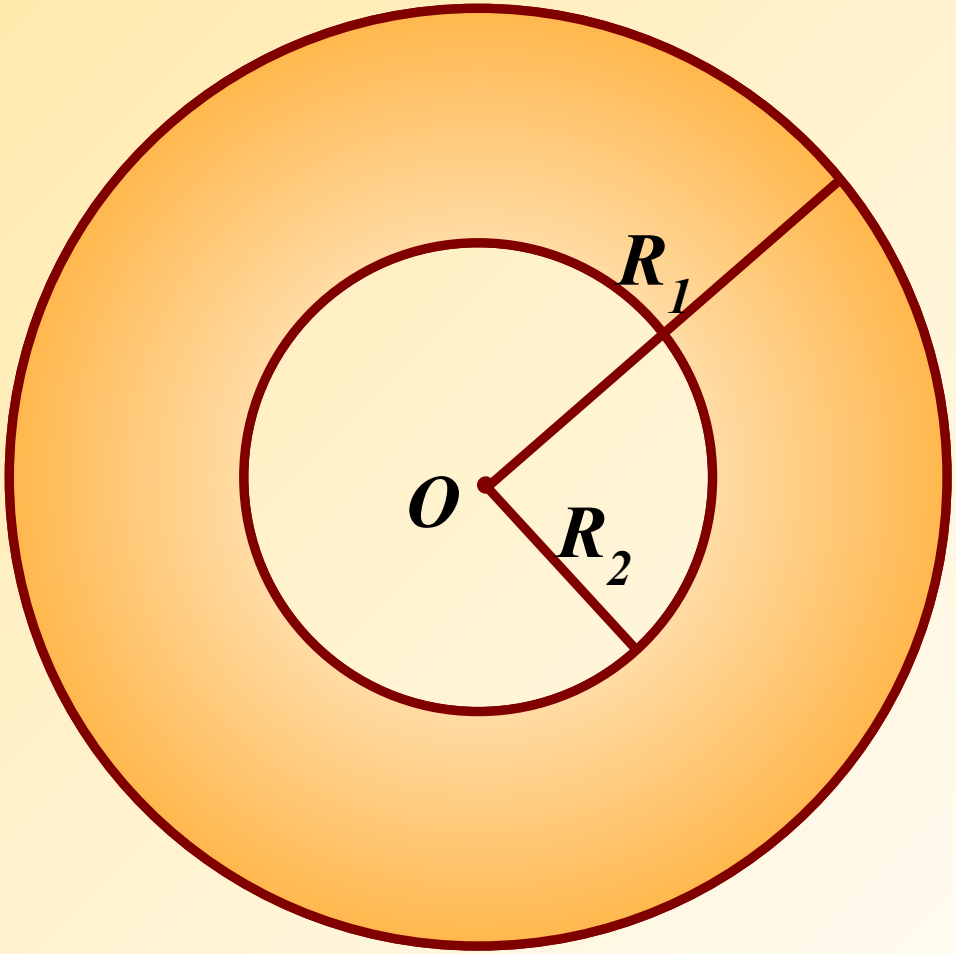
Найти: $\angle ÀÂÌ\ , \angle ÂÌÊ\ , \angle ÀCÌ$



10.

Дано: $R_1 = 10,\ R_2 = 5$

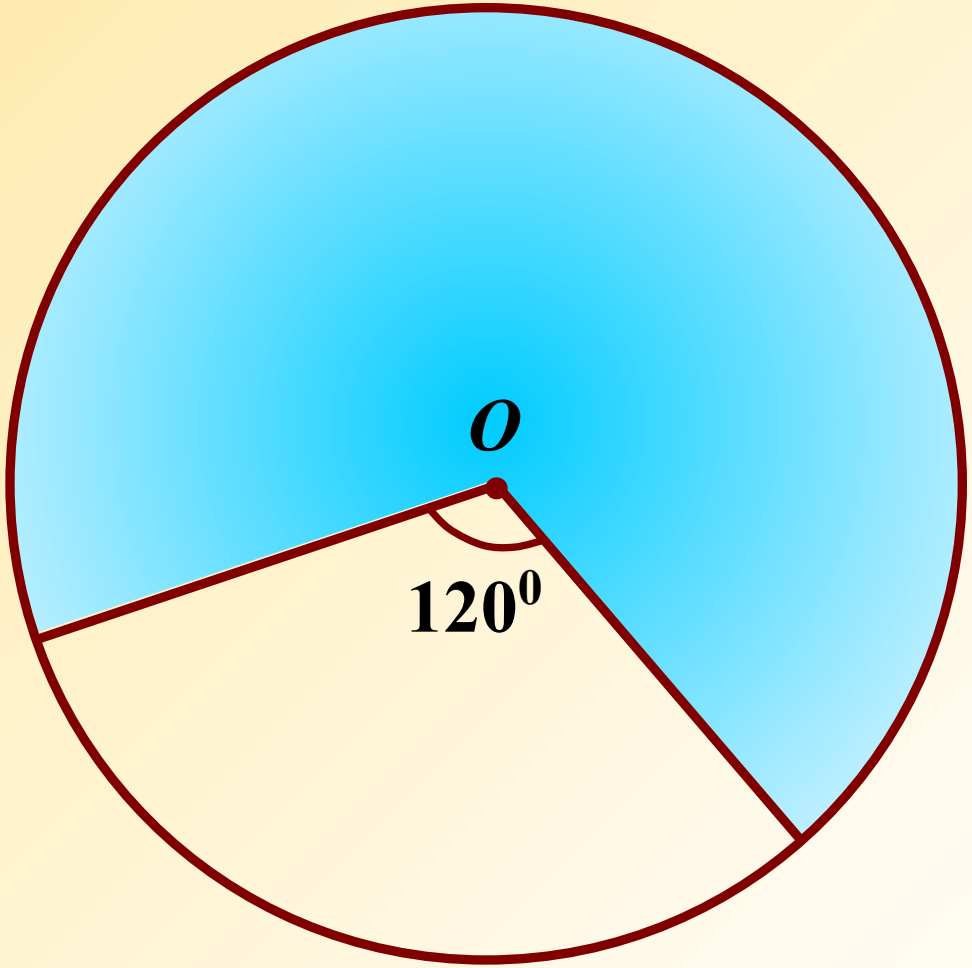
Найти: *S êîëüöà*



11.

Дано: $\hat{I}\hat{e}\eth\ .(\hat{I}\ ,R),\ R=12$

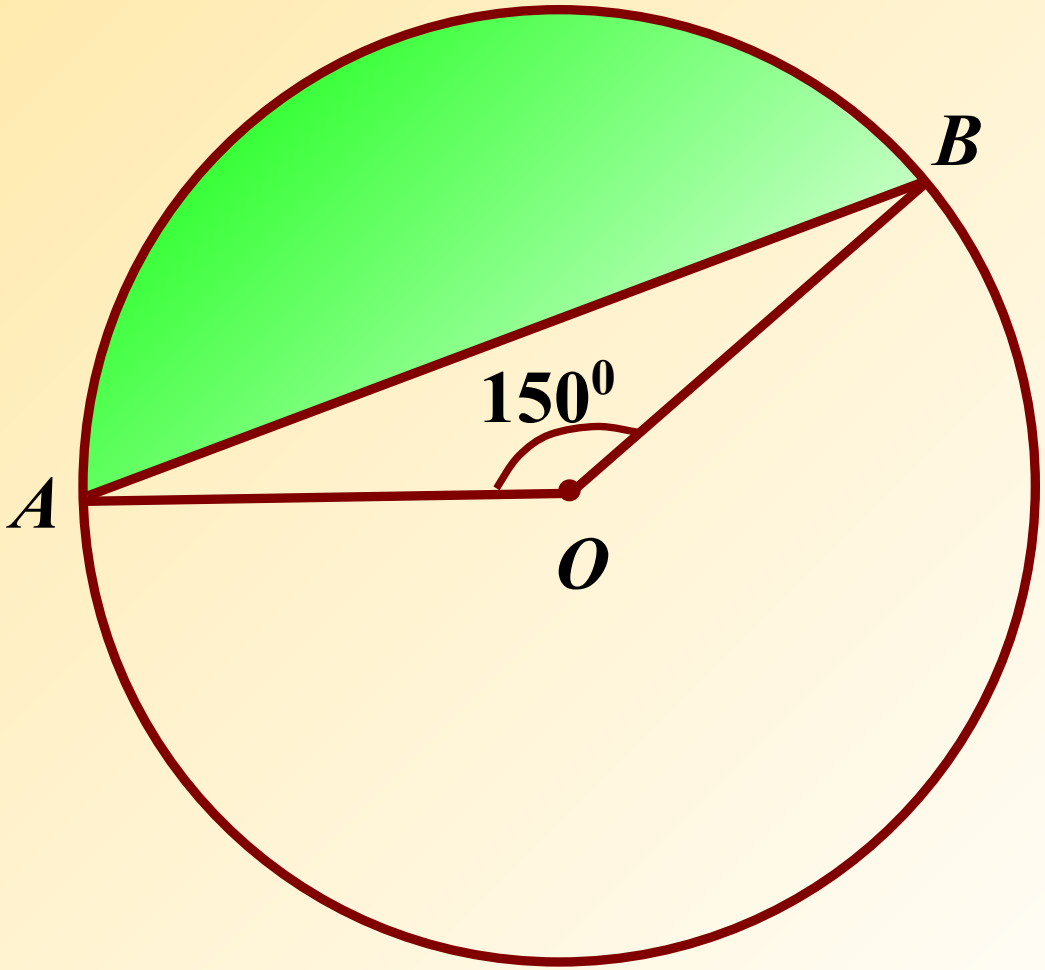
Найти: S çàêðàøåííîé ê ôèãóðû



12.

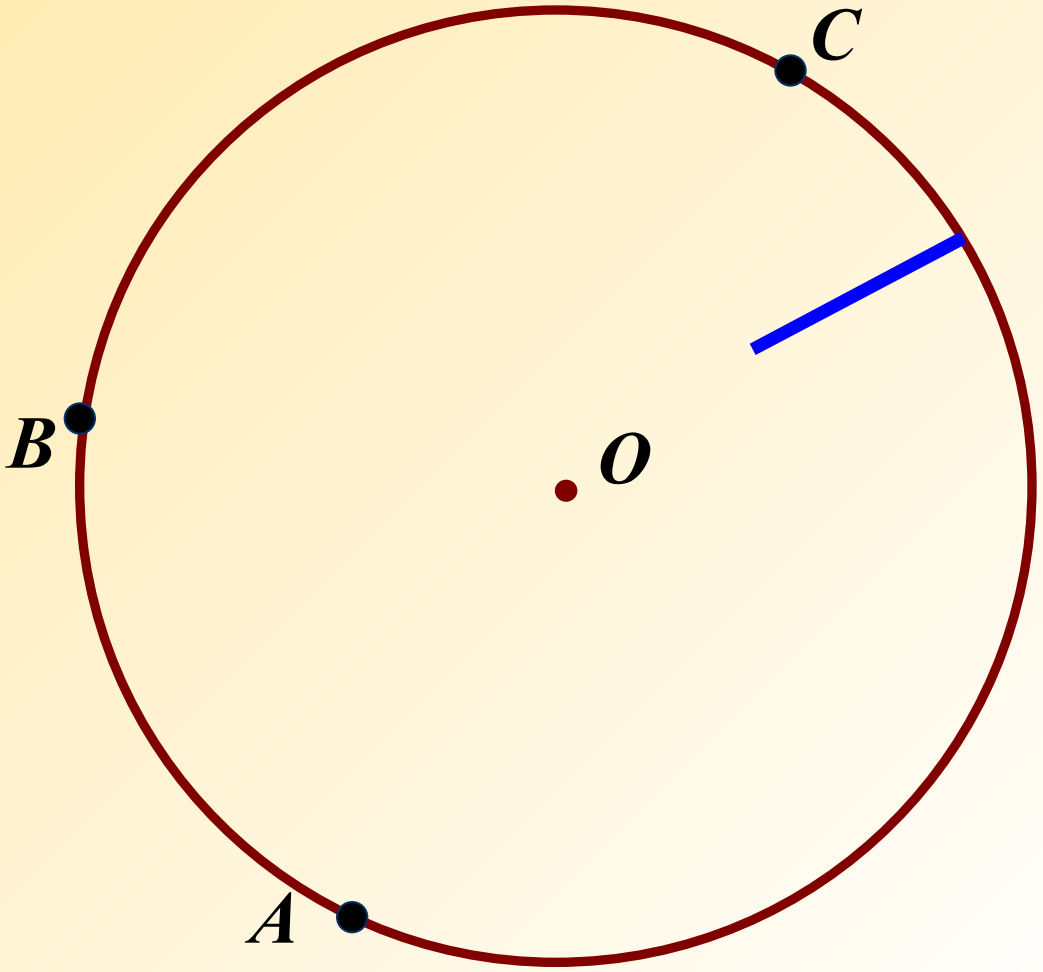
Дано: $\hat{I}\hat{e}\eth\ .(\hat{I}\ ,R),\ R=6$

Найти: S çàêðàøåííîé ôèãóðû



13. **Дано:** $\cup \grave{A}\hat{A} : \cup \hat{A}\tilde{N} : \cup \grave{A}\tilde{N} = 2:3:4$

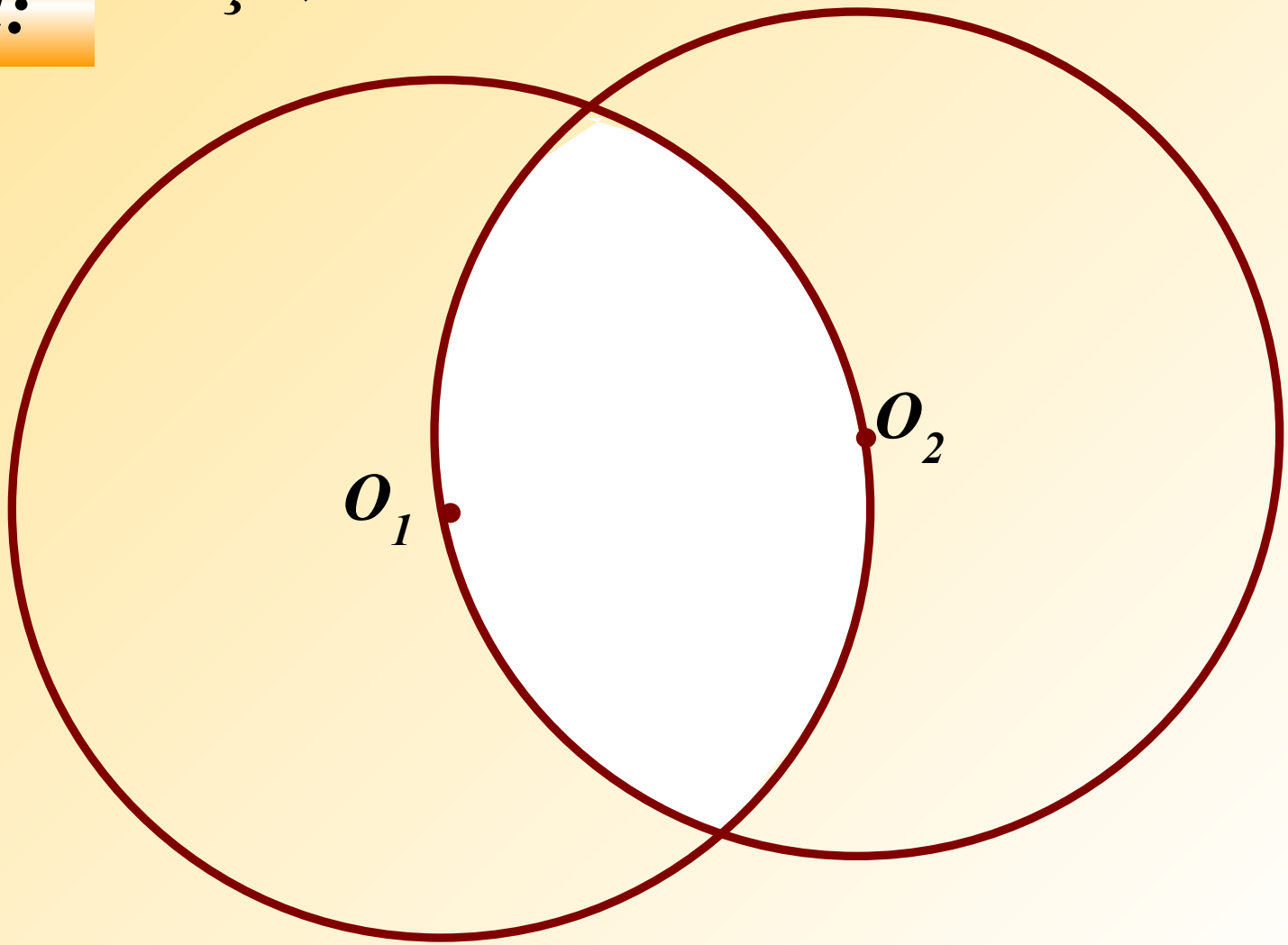
Найти: $\cup \hat{A}\tilde{N}$



14.

Дано: $R_1 = R_2 = 5$

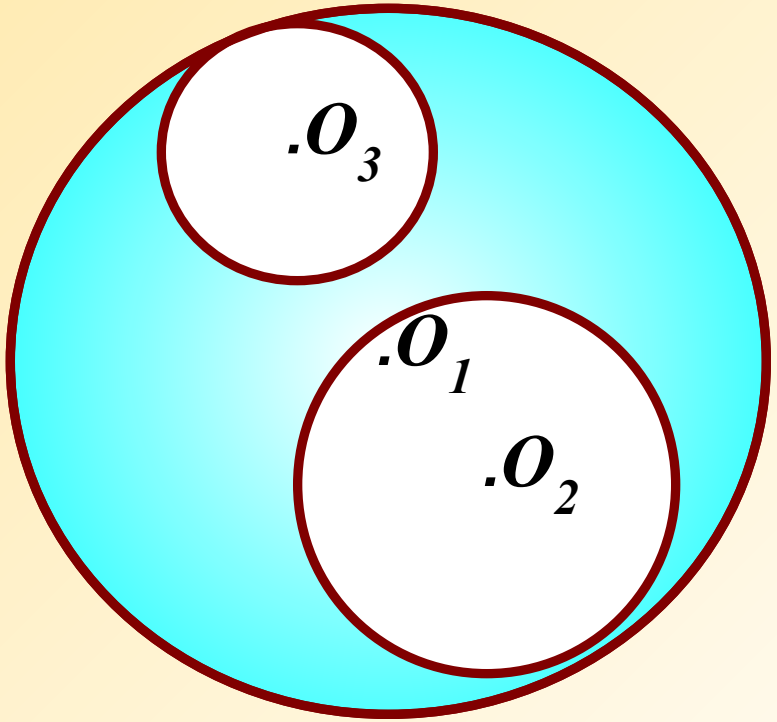
Найти: *P çàøòðèõîâà íîé ôèãóðû*



15.

Дано: $R_1 = 15, R_2 = 6, R_3 = 7$

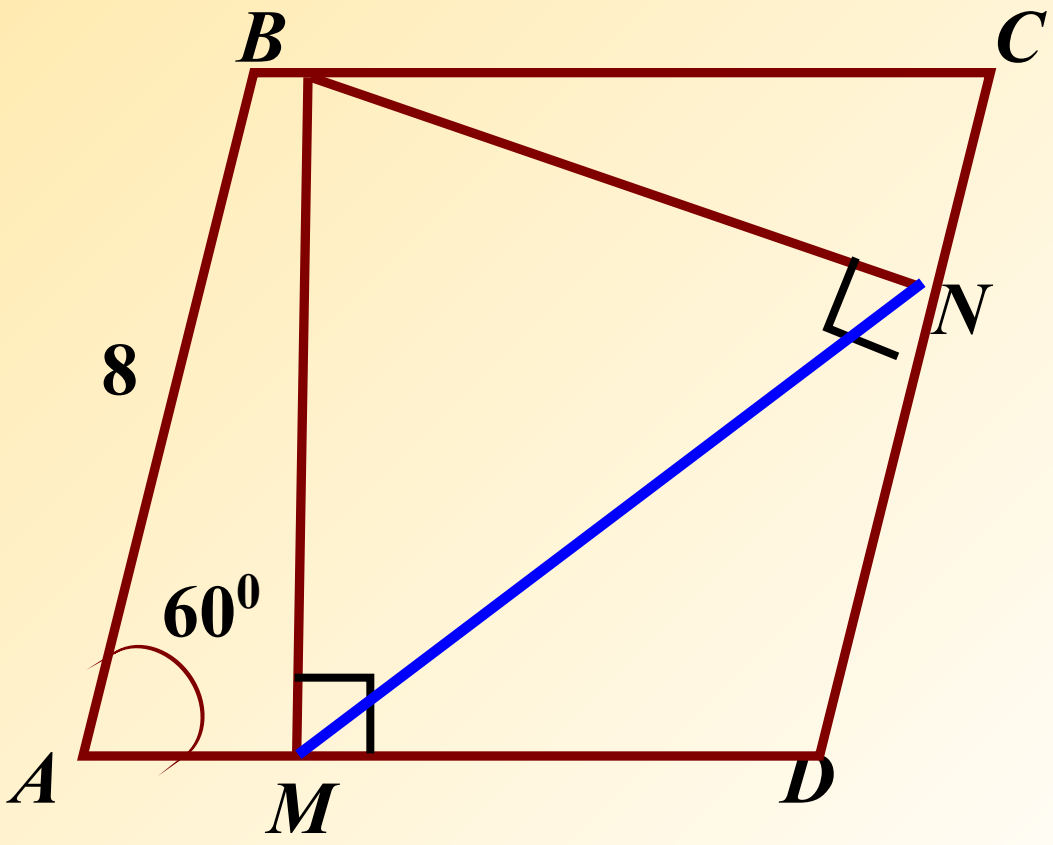
Найти: *S çàêðàøåííîé é îêðóæíîñòè*



16.

Дано: $ABCD$ – ðîìá

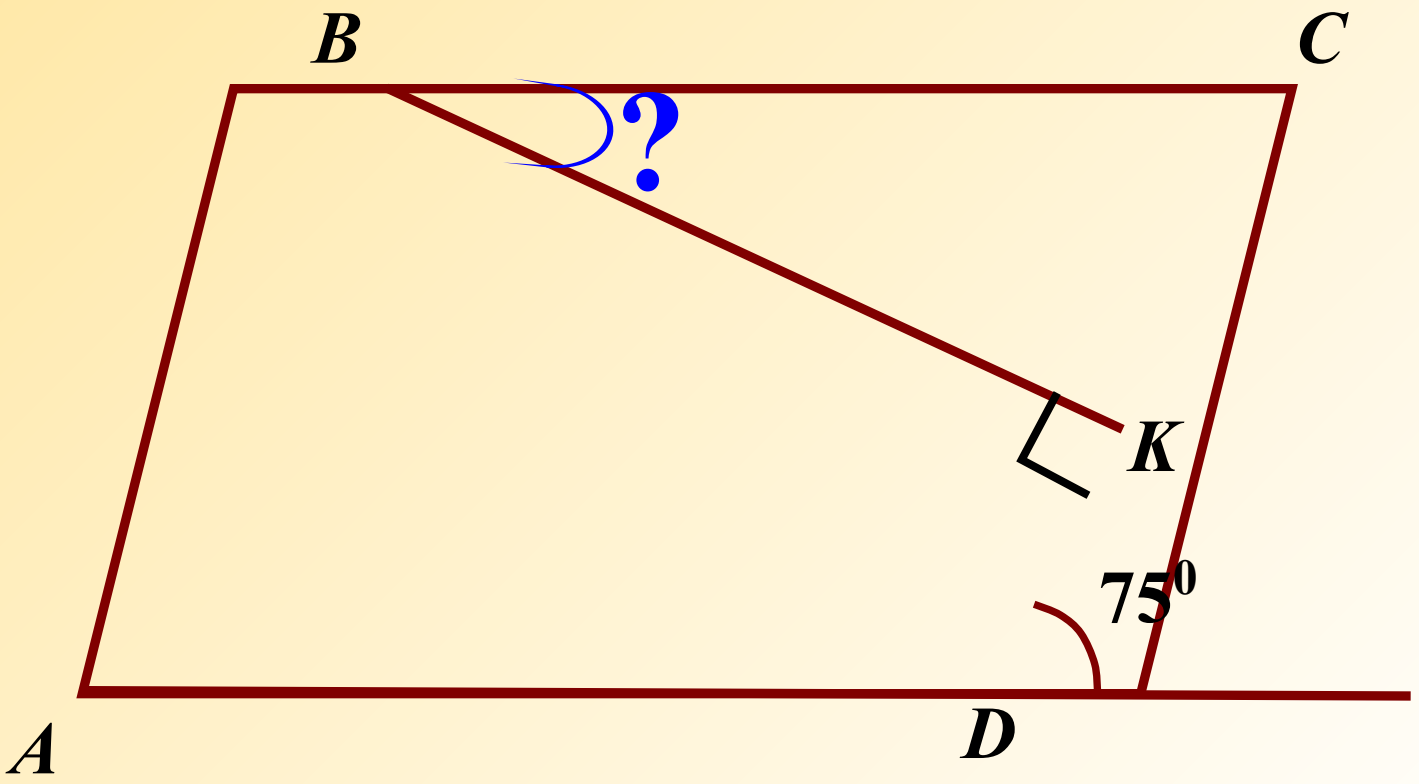
Найти: MN



17.

Дано: *ABCD – ïàðàëëåëîã ðàìì*

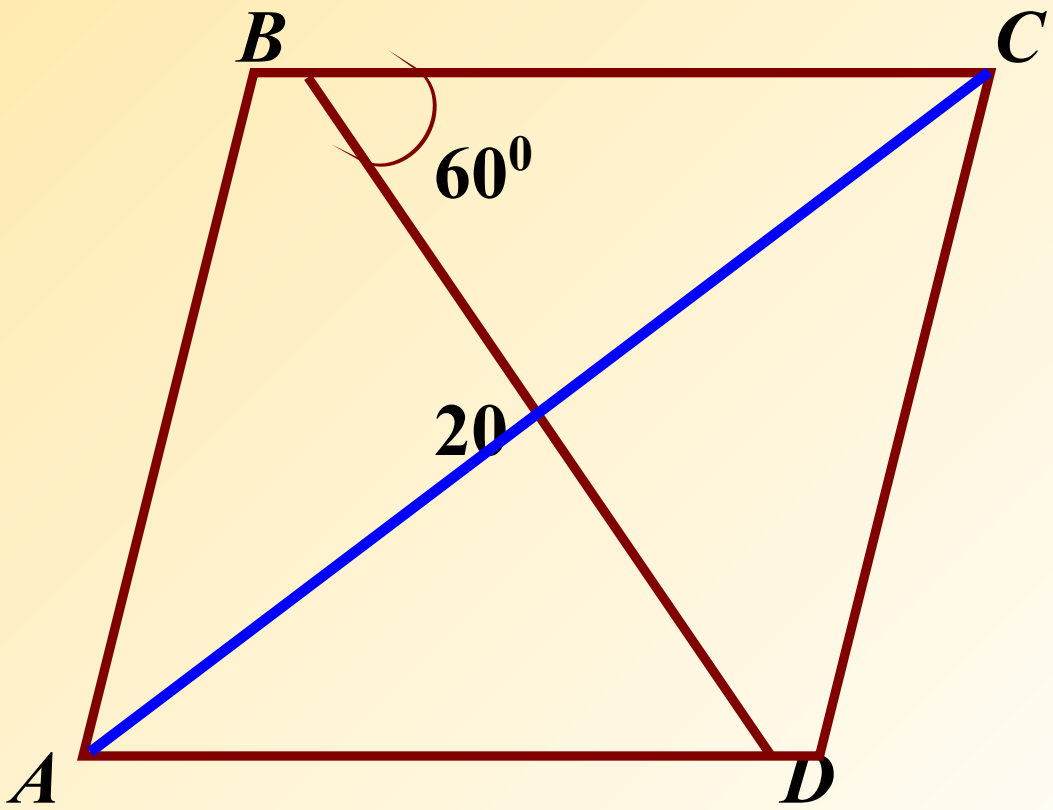
Найти: *∠ÑÂÊ*



18.

Дано: $ABCD$ – ðîìá

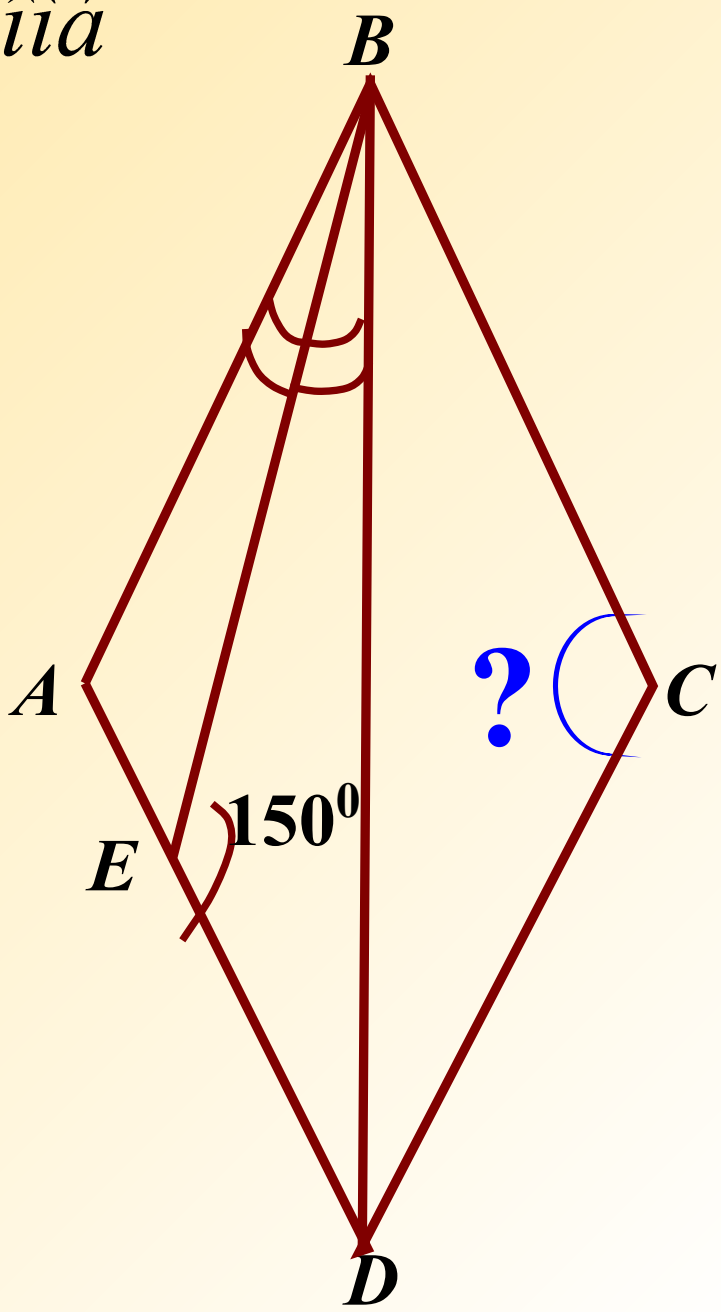
Найти: $AÑ$



19.

Дано: $ABCD$ – ðîìá

Найти: $\angle ÂÑD$

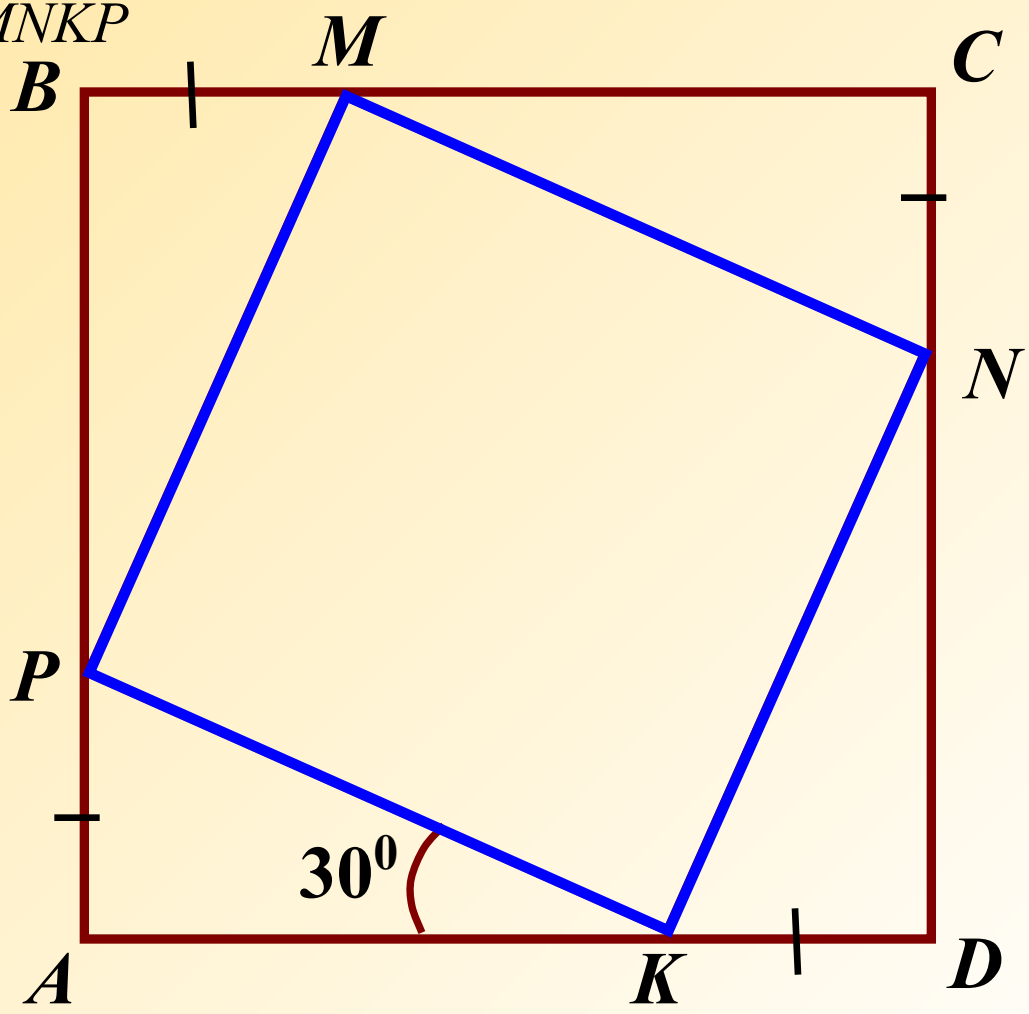


20.

Дано: $ABCD - \hat{e}\hat{a}\grave{a}\ddot{a}\eth\grave{a}\grave{o}$

$P_{ABCD} = 8$

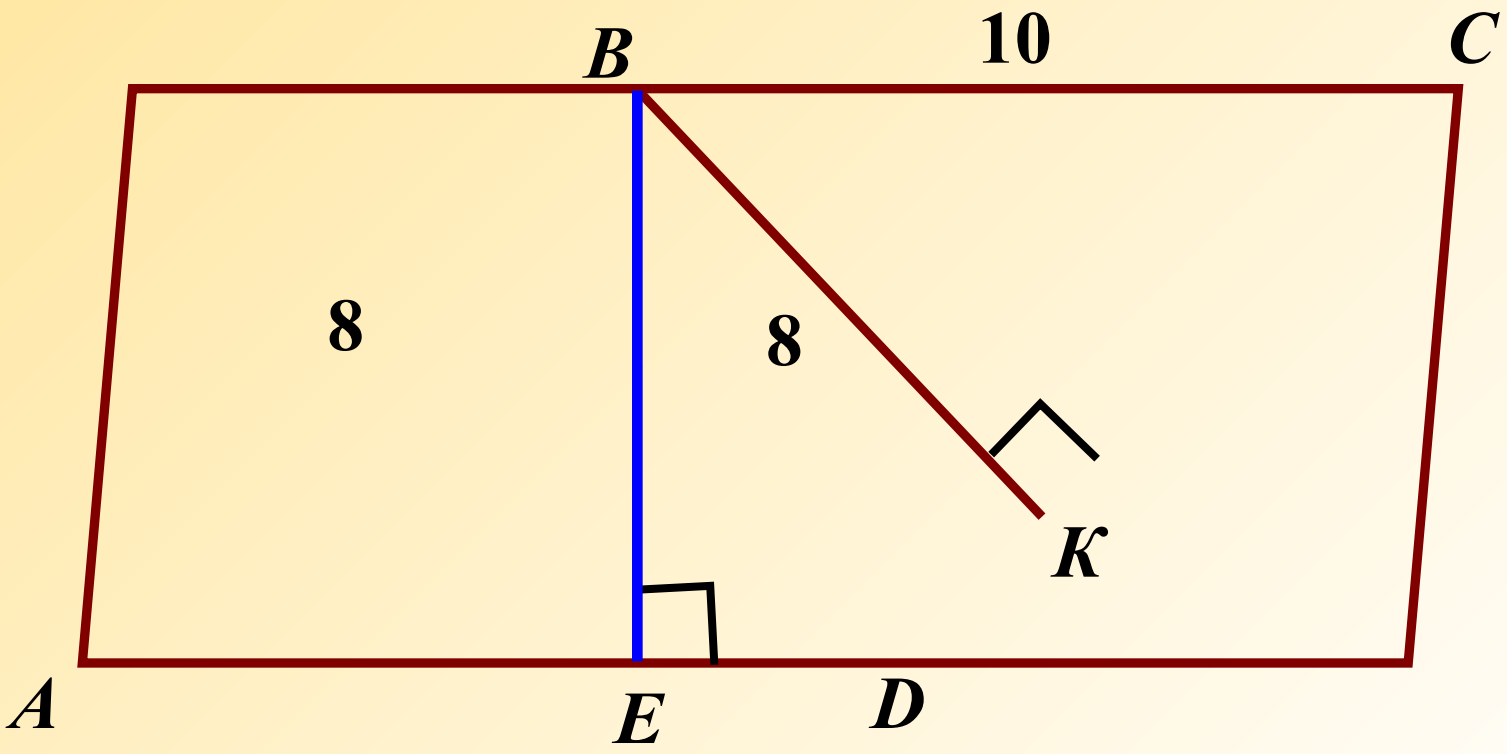
Найти: P_{MNKP}



21.

Дано: *ABCD – ïàðàëëåëîã ðàìì*

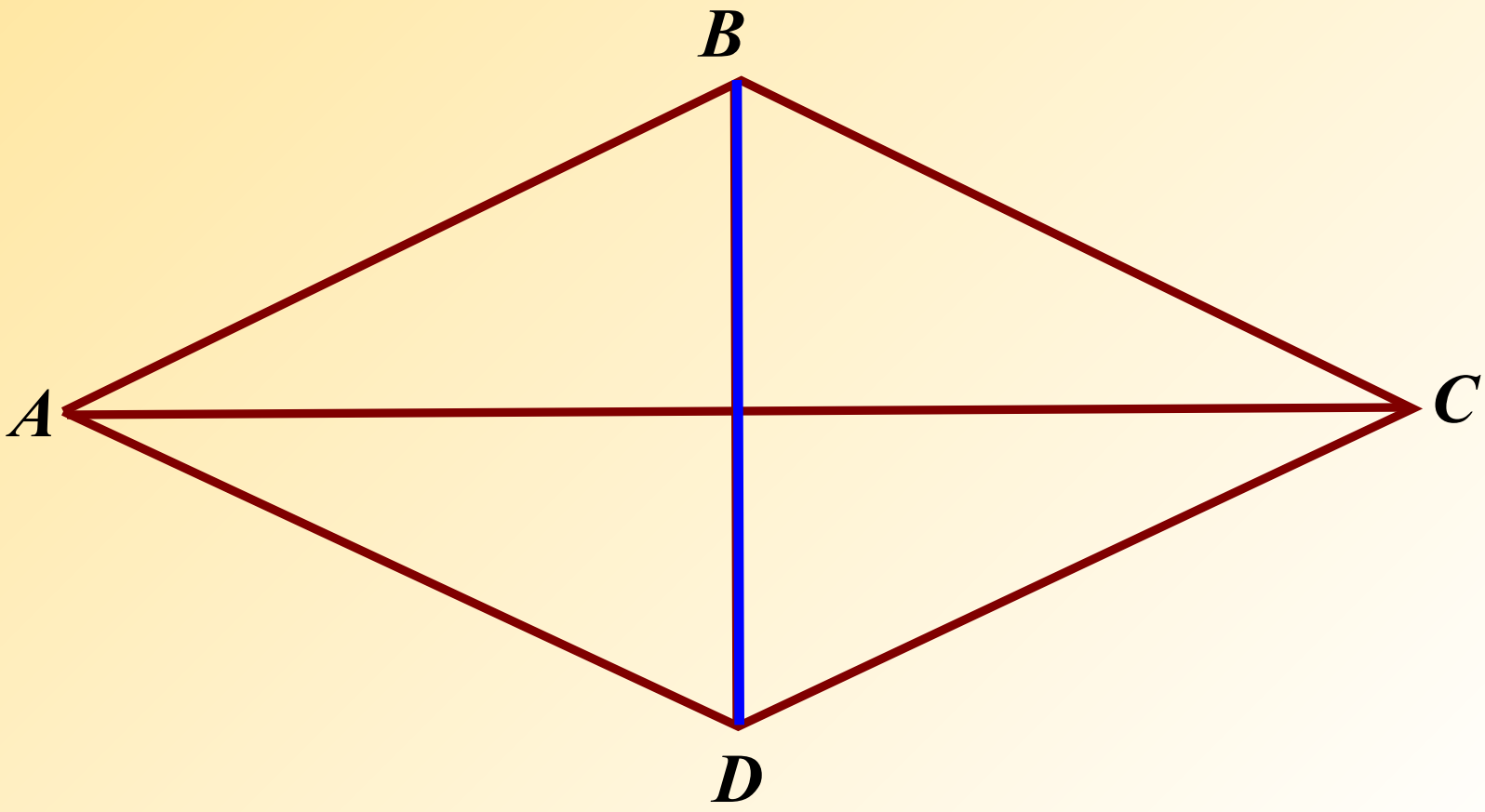
Найти: *BE*



22.

Дано: $AC = 12,\ S_{ABCD} = 48$

Найти: BD

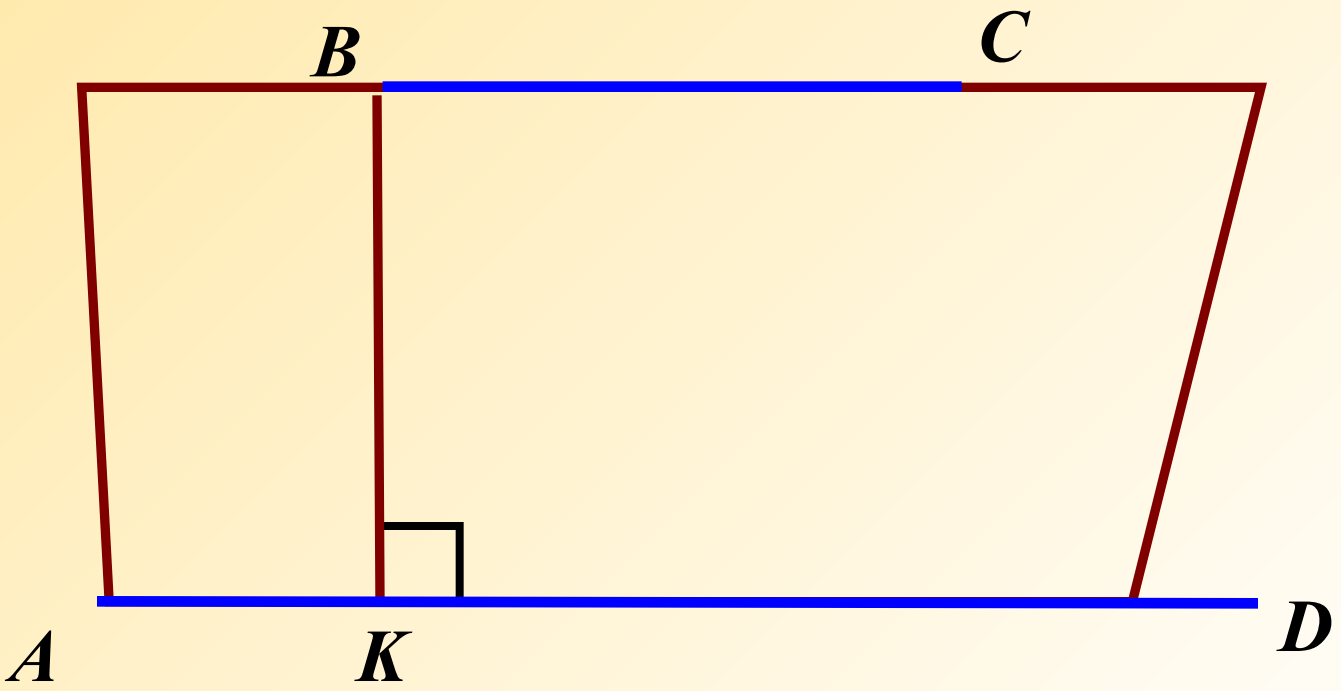


23.

Дано: $AÂÑD - òðàïåöèÿ$

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

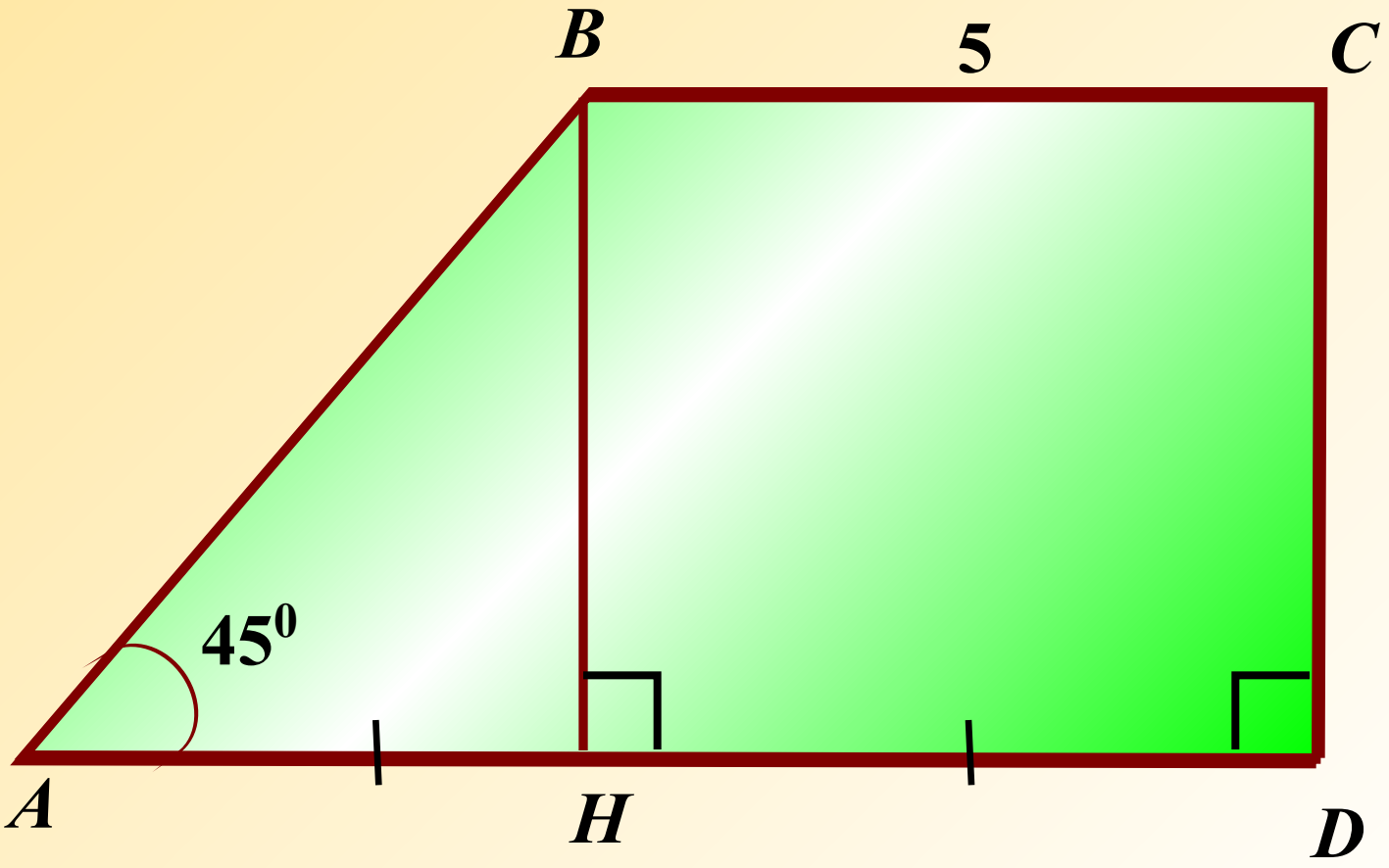
Найти: $BÑ,\ AD$



24.

Дано: $ABCD$ – òðàïåöèÿ

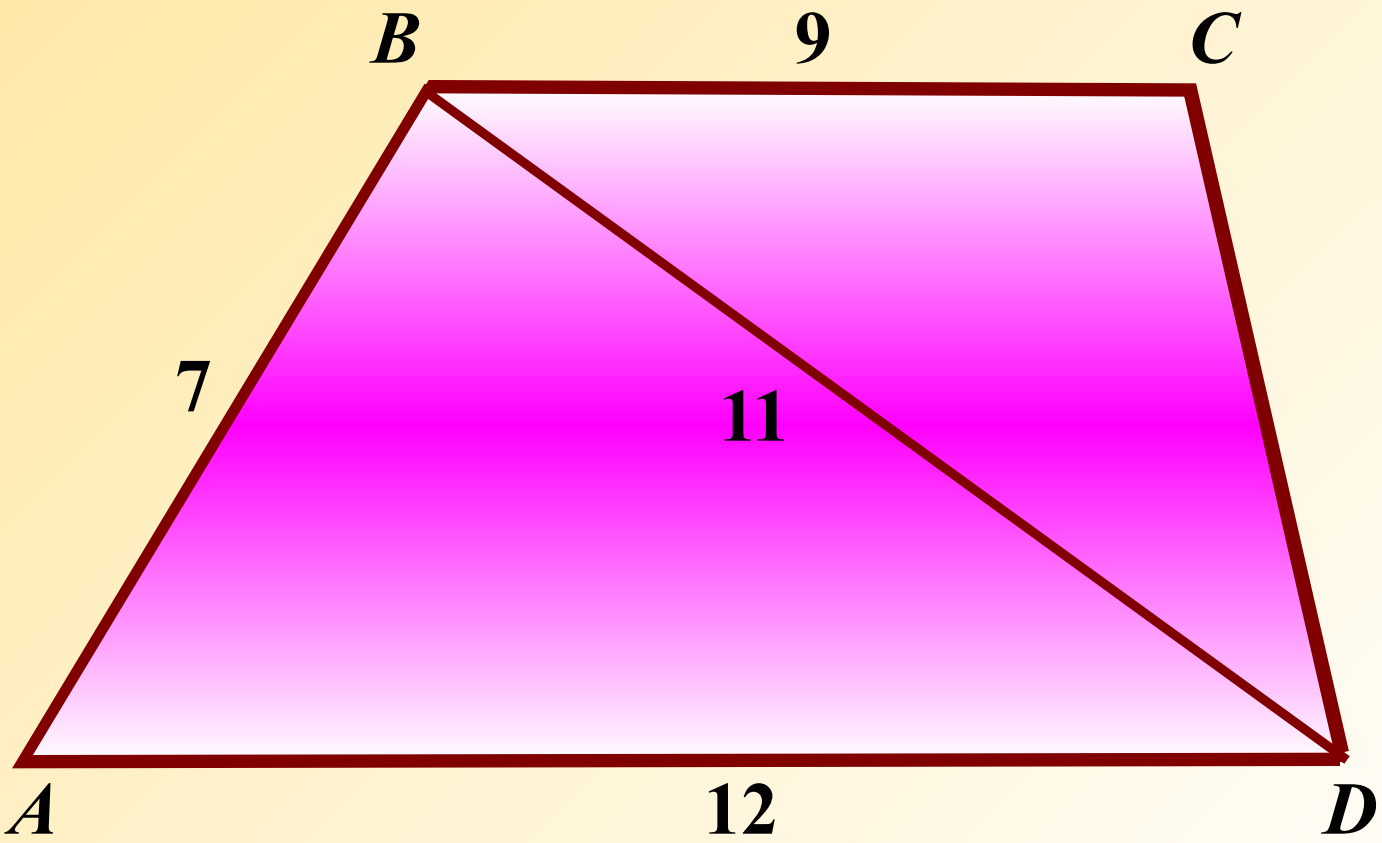
Найти: S_{ABCD}



25.

Дано: $ABCD$ – òðàïåöèÿ

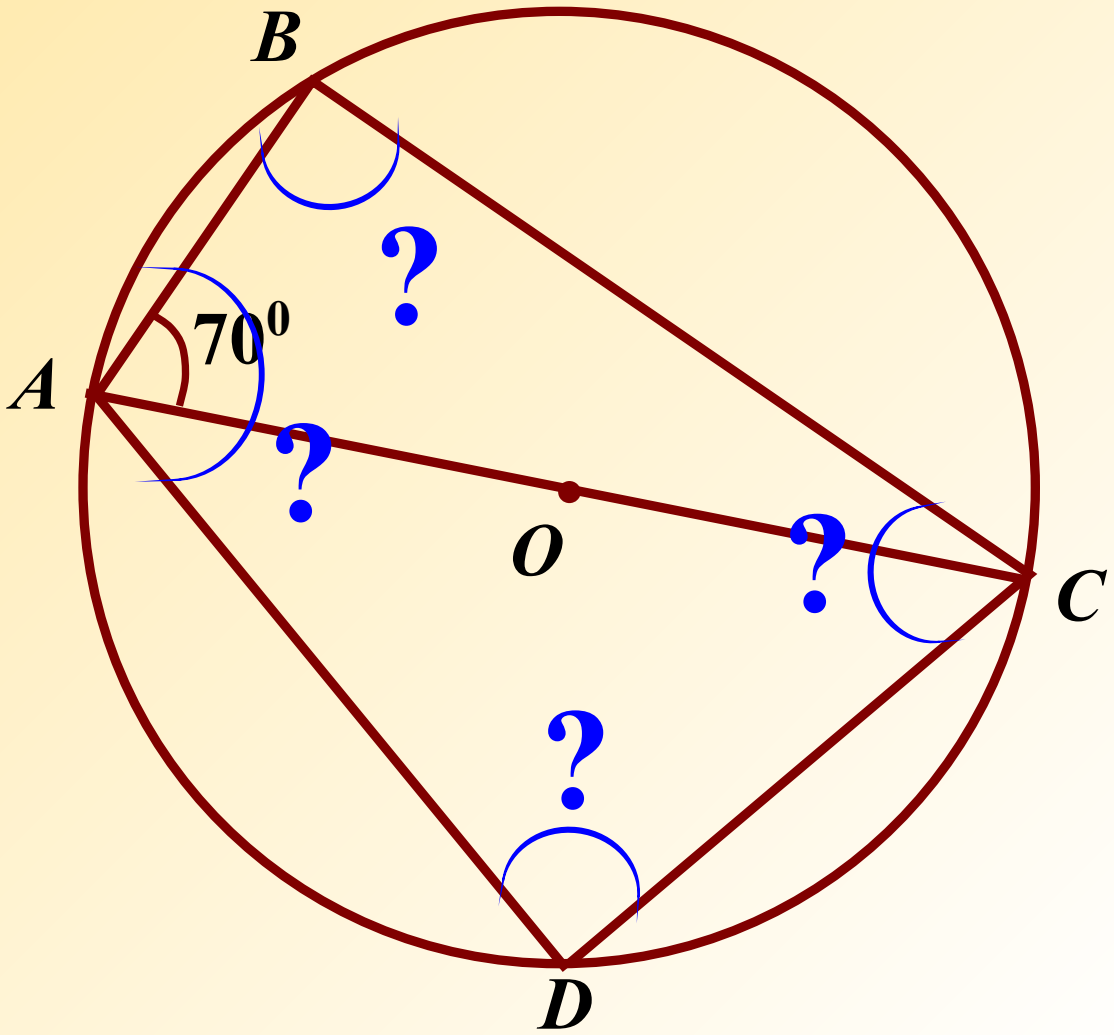
Найти: S_{ABCD}



26.

Дано: $\hat{I}\hat{e}\eth\ .(\hat{I}\ ,R),\ \cup \mathrm{AD} = 80^0$

Найти: Óãëû ÷åòûð¸õóãî ëüíèêà ABCD

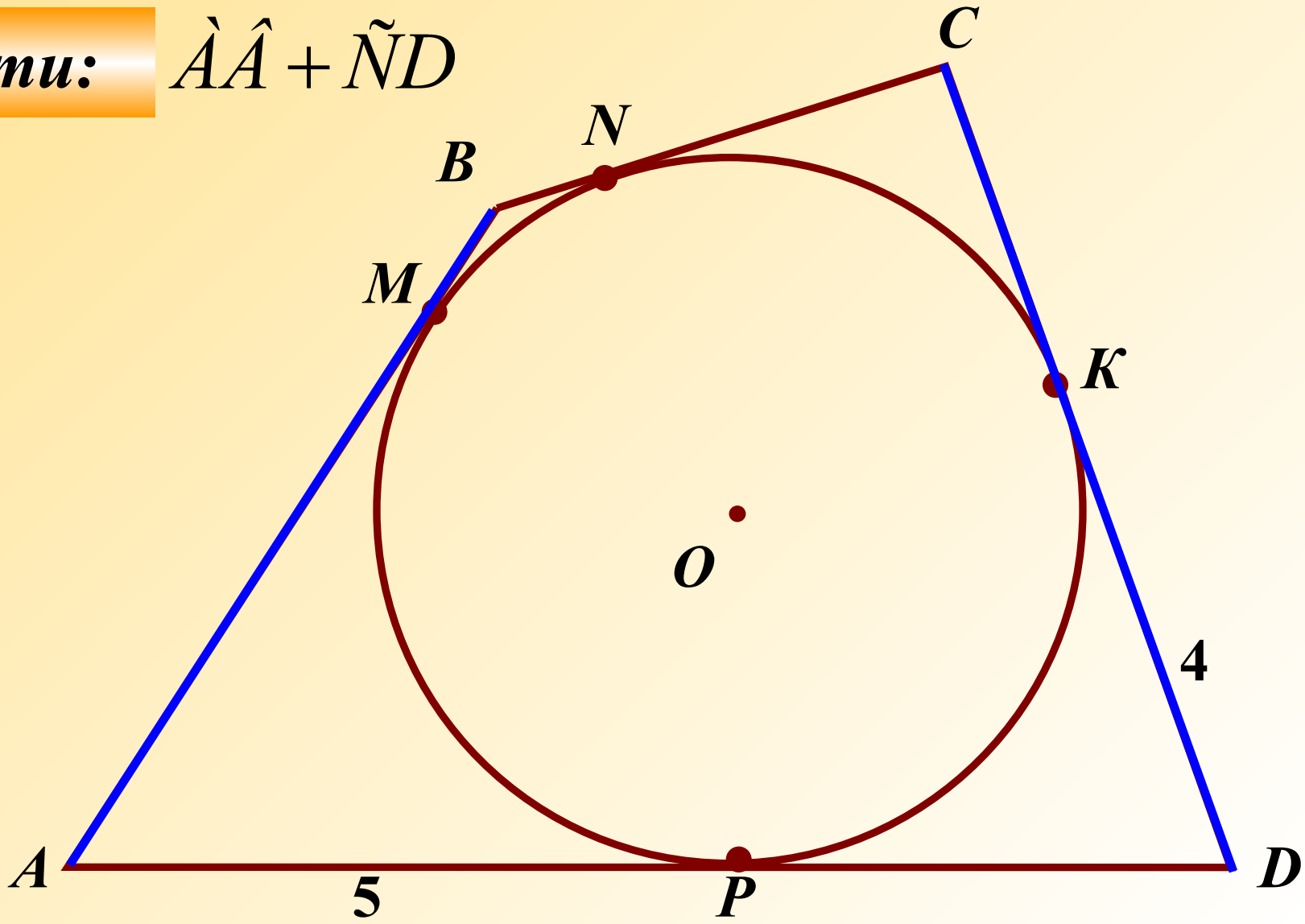


27.

Дано: M, N, K, P – точки касания

$AN = 5$

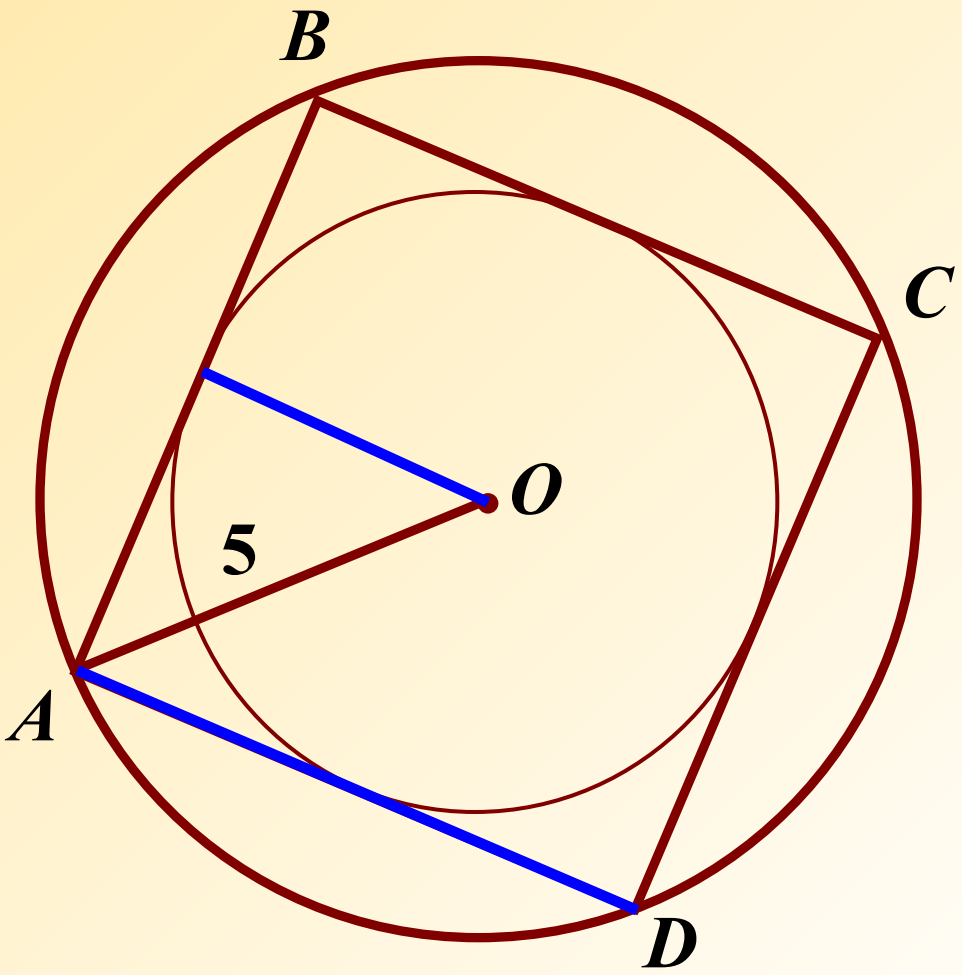
Найти: $AA + ND$



28.

Дано: $ABCD$ – ïðàâèëüíûé

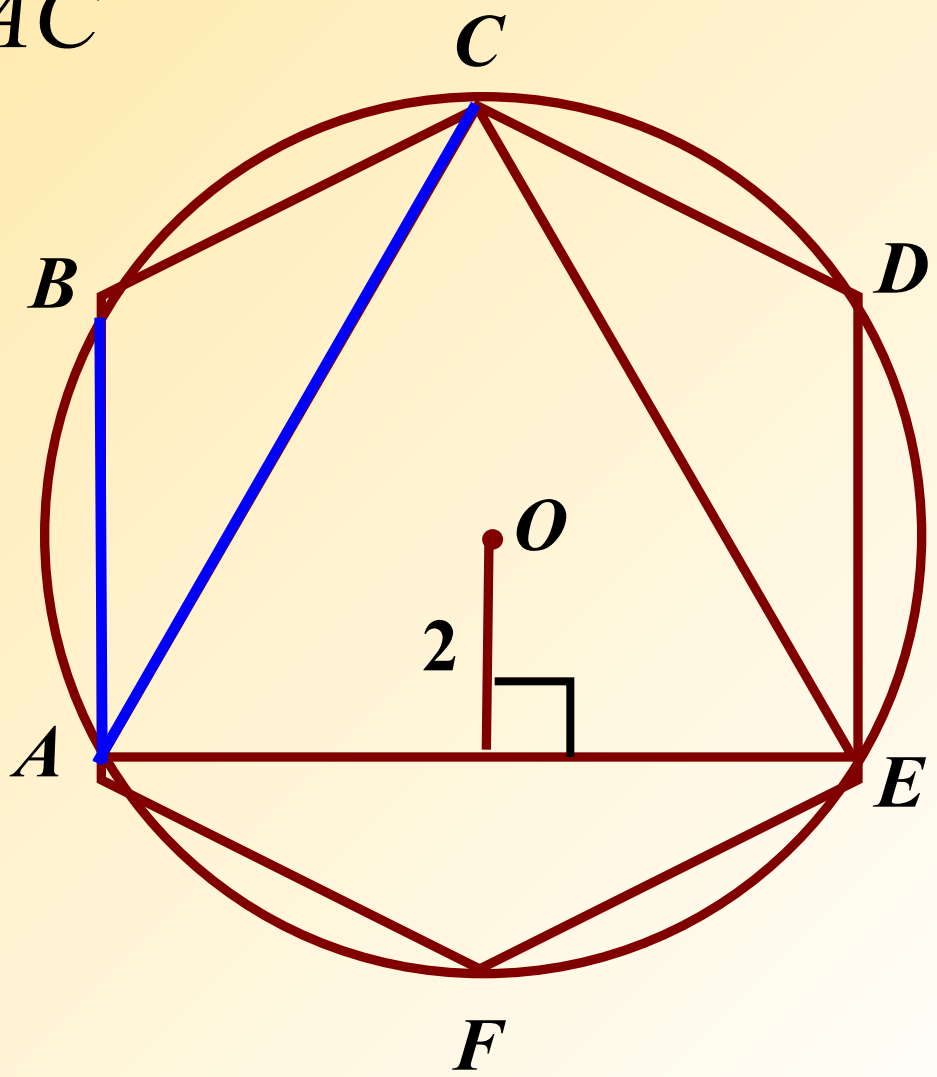
Найти: $\grave{A}D,\ r$



29.

Дано: *ABCDEF – ïðàâèëüíûé*

Найти: *ÀB, AC*



30.

Дано: $ABCDEF$ – ïðàâèëüíûé

Найти: $R,\ S_{ABCDEF}$