Решение задач на готовых чертежах.

Итоговое повторение.
Часть 1.
Параллельные прямые. Треугольники.

Геометрия.
9 класс.

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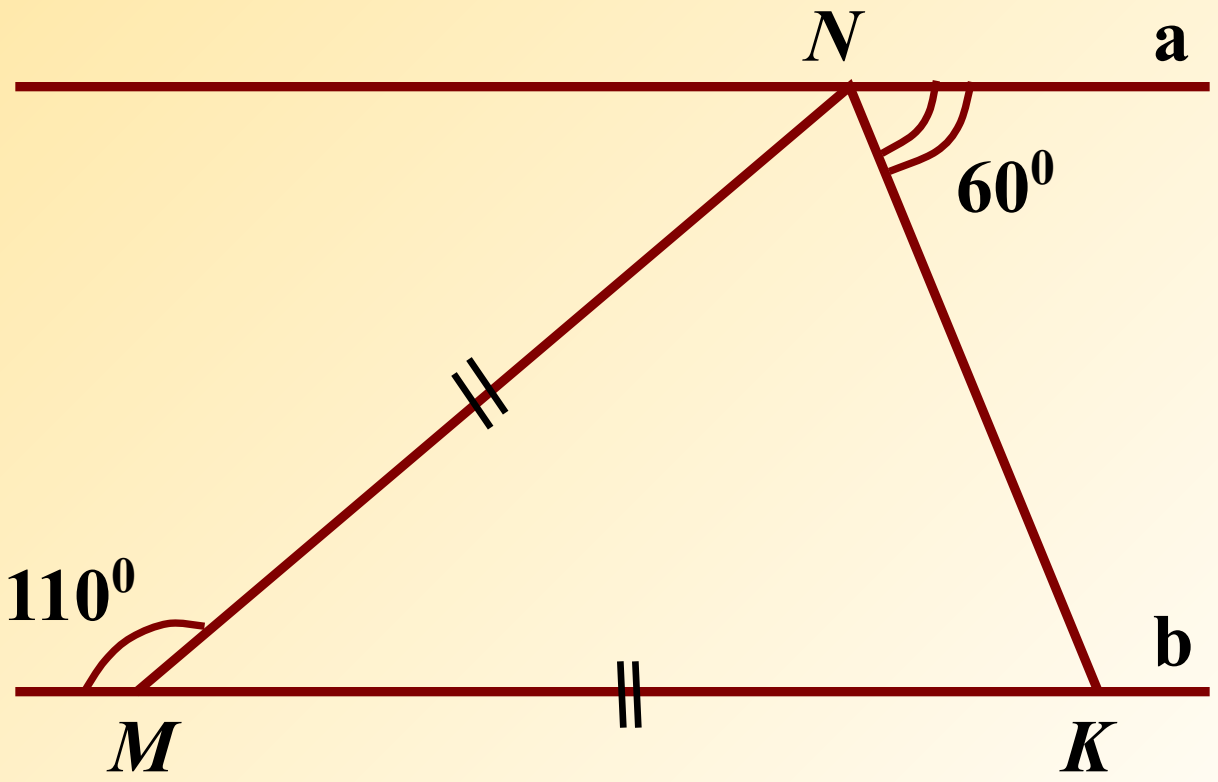
МОУ СОШ №256 г.Фокино

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: ïðÿìûå à è b

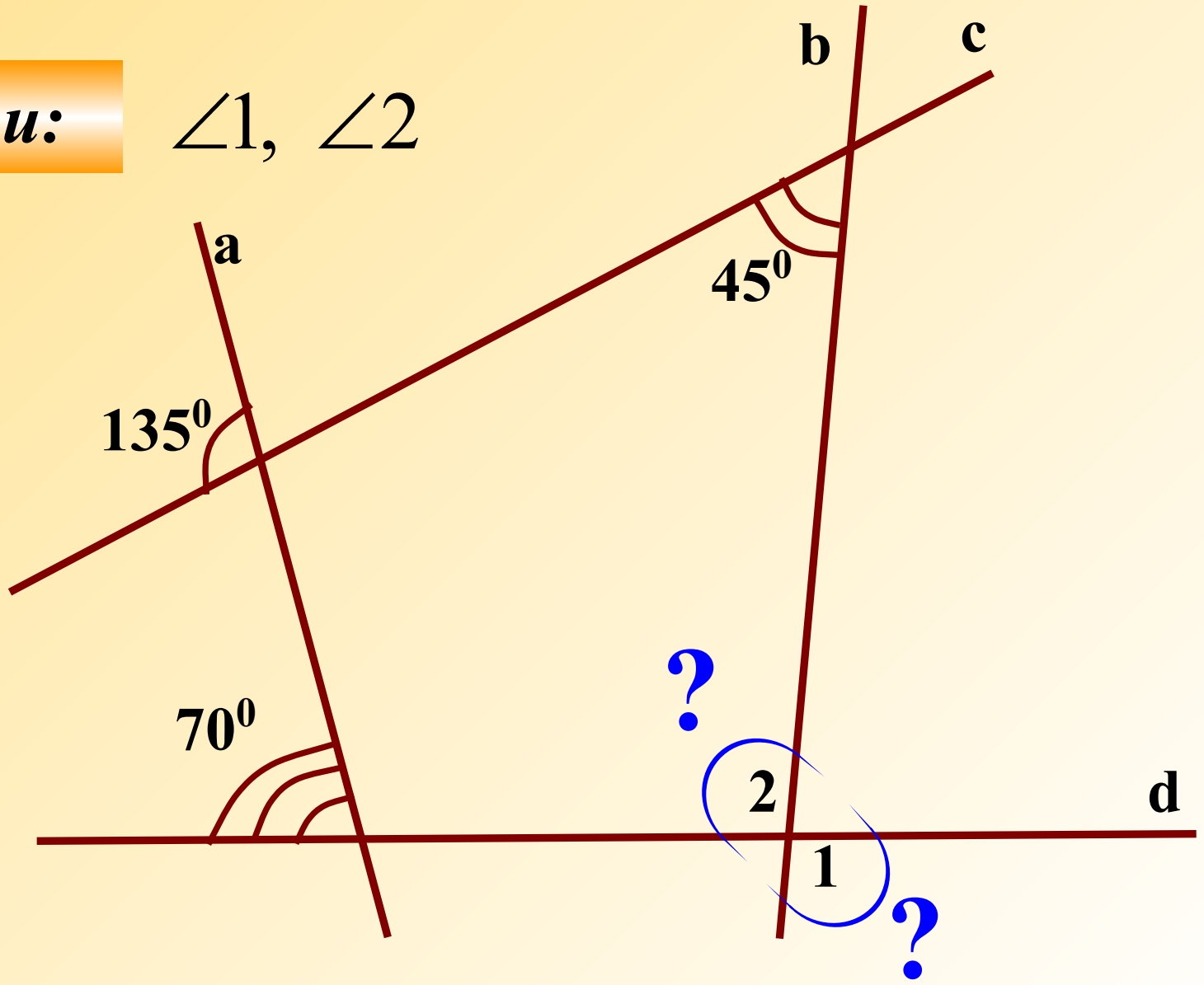
Вопрос: Ïàðàëëåëüí û ëè ïðÿìûå à è b?



2.

Дано: *ïðÿìûå* à, b, ñ è d

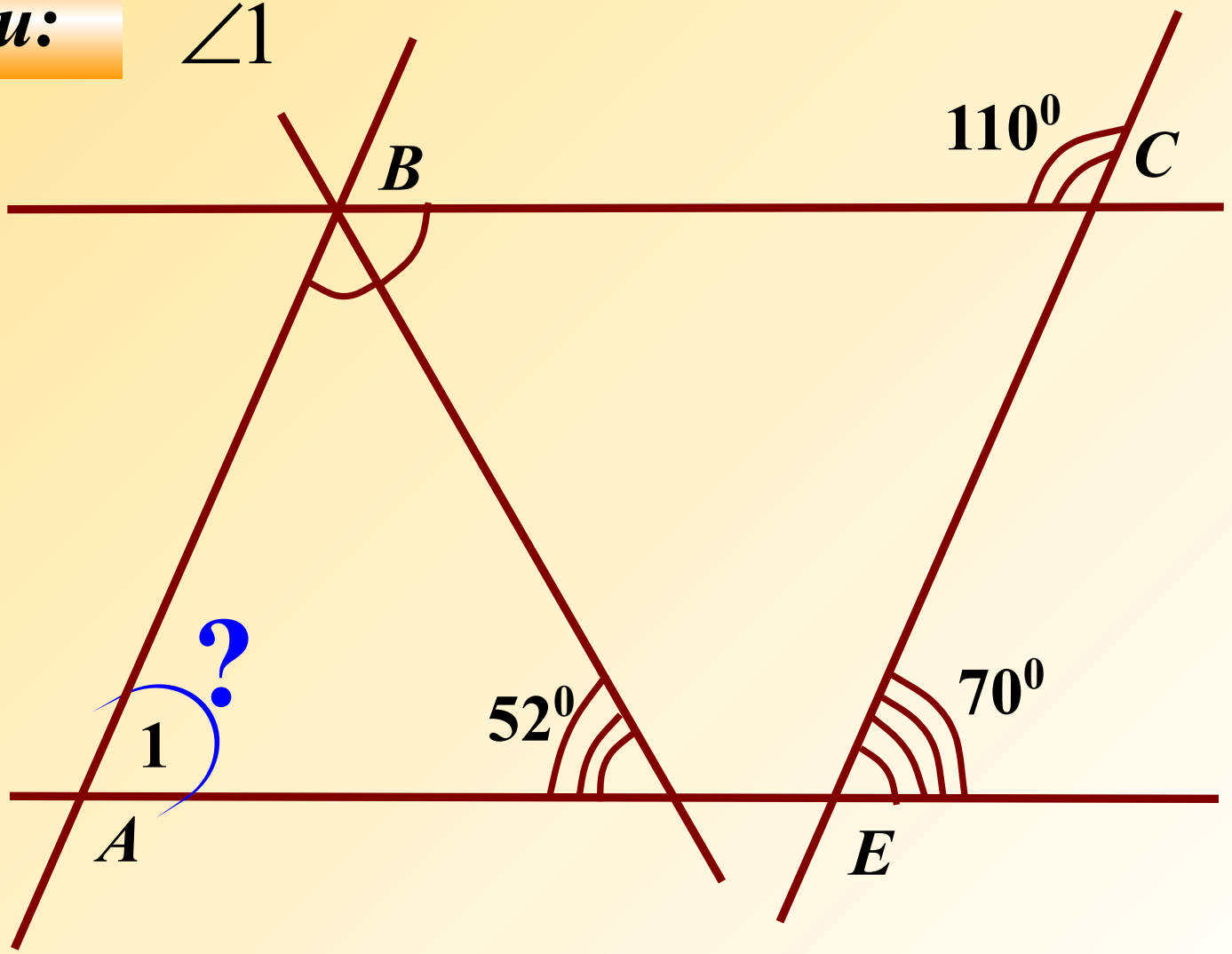
Найти: ∠1, ∠2



3.

Дано: $BD - áèññåêòðèñà \angle ÀÂÑ$

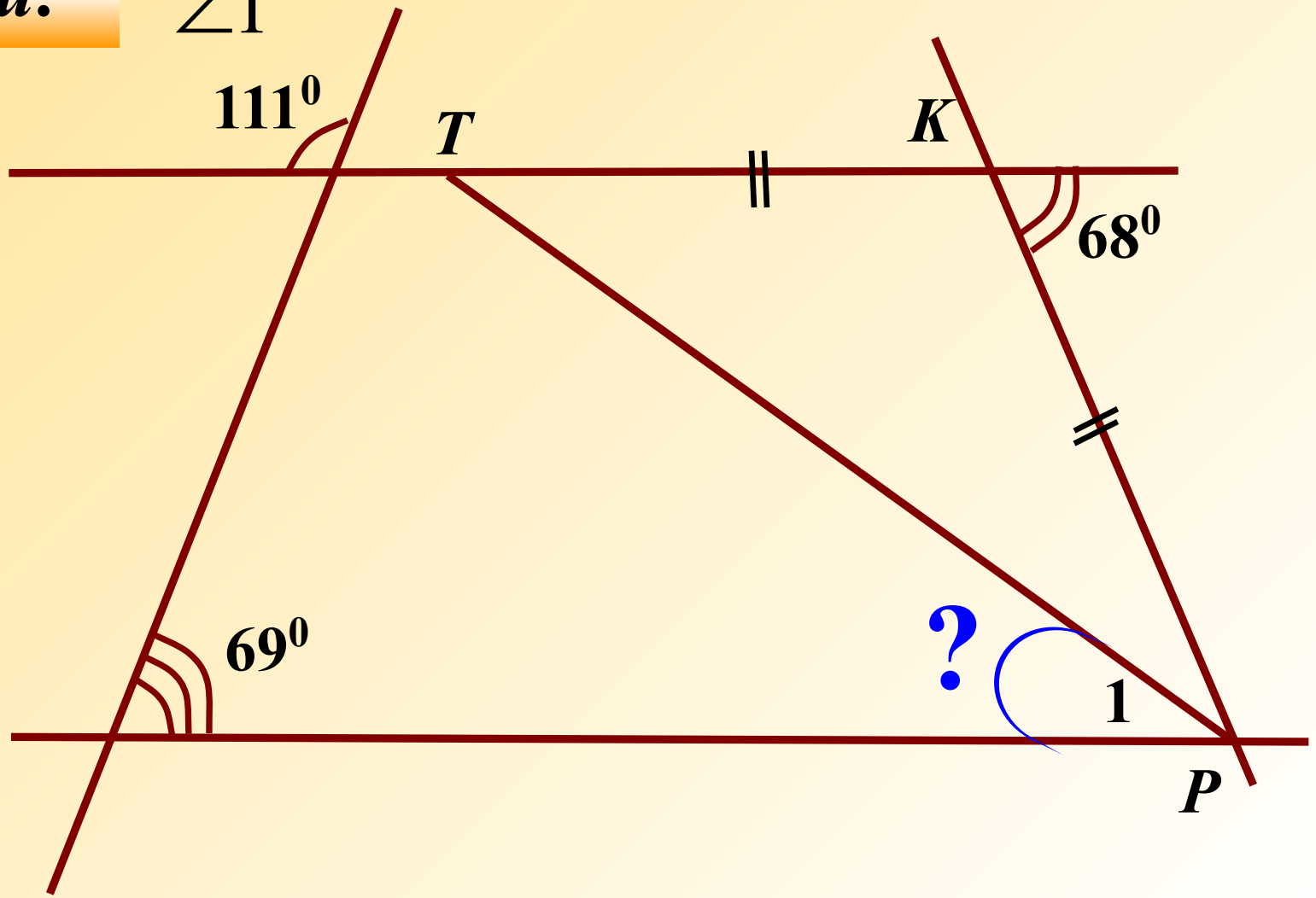
Найти: $\angle 1$



4.

Дано: $\grave{O}\hat{E} = \hat{E}\text{Ð}$

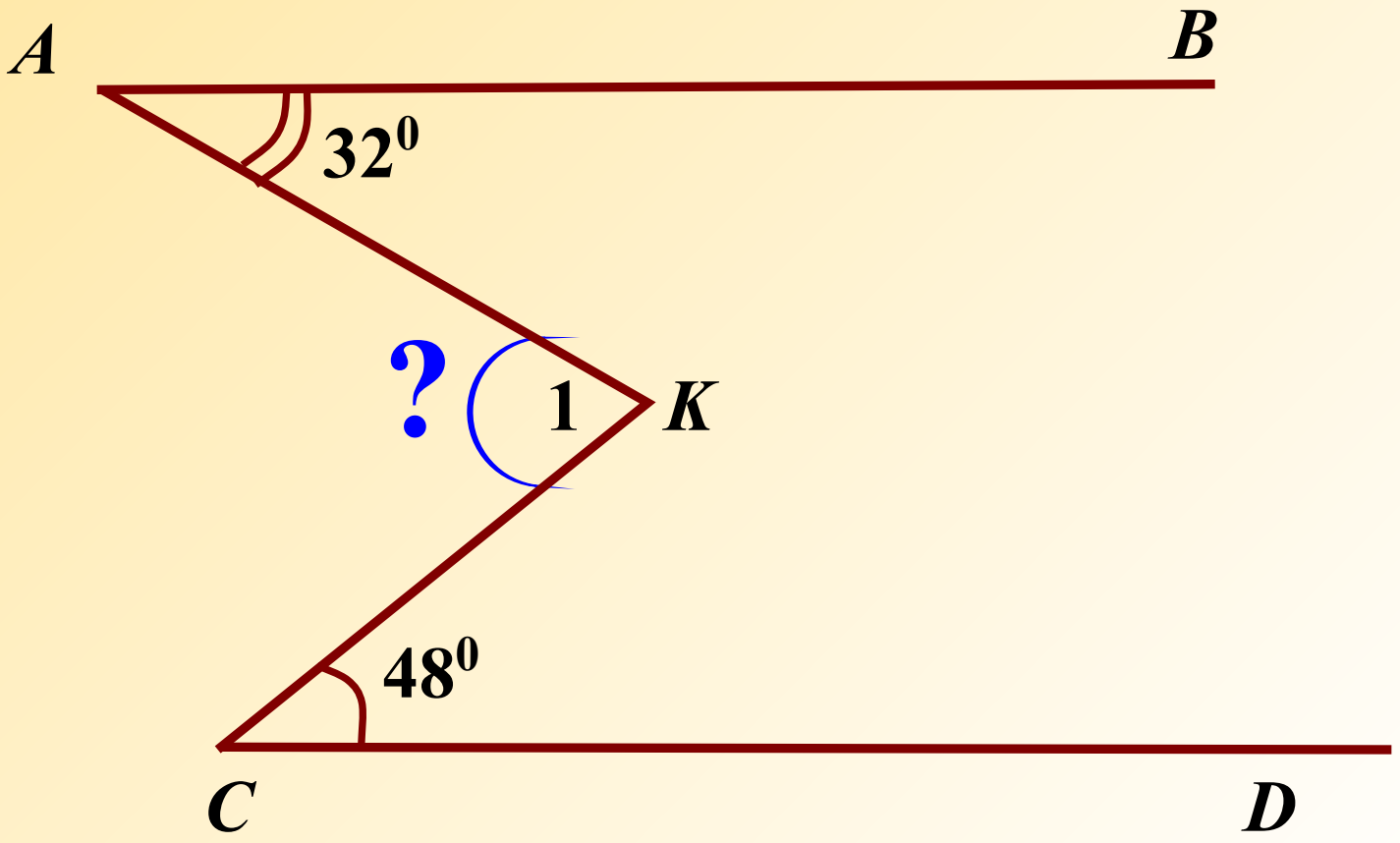
Найти: $\angle 1$



5.

Дано: $AB \parallel CD$

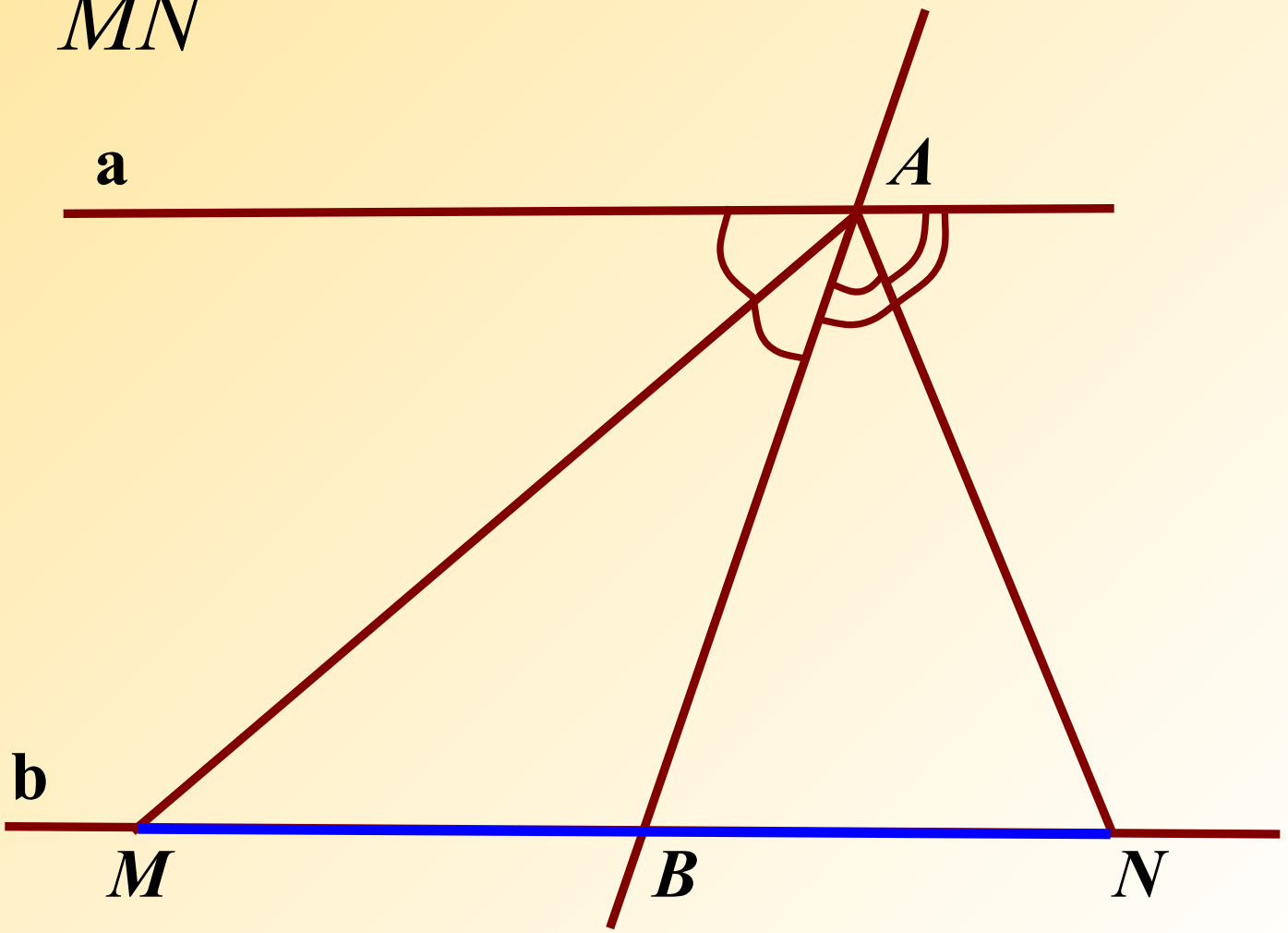
Найти: $\angle 1$



6.

Дано: a II b, $\grave{A}\hat{A} = 4{,}2\tilde{n}\grave{i}$

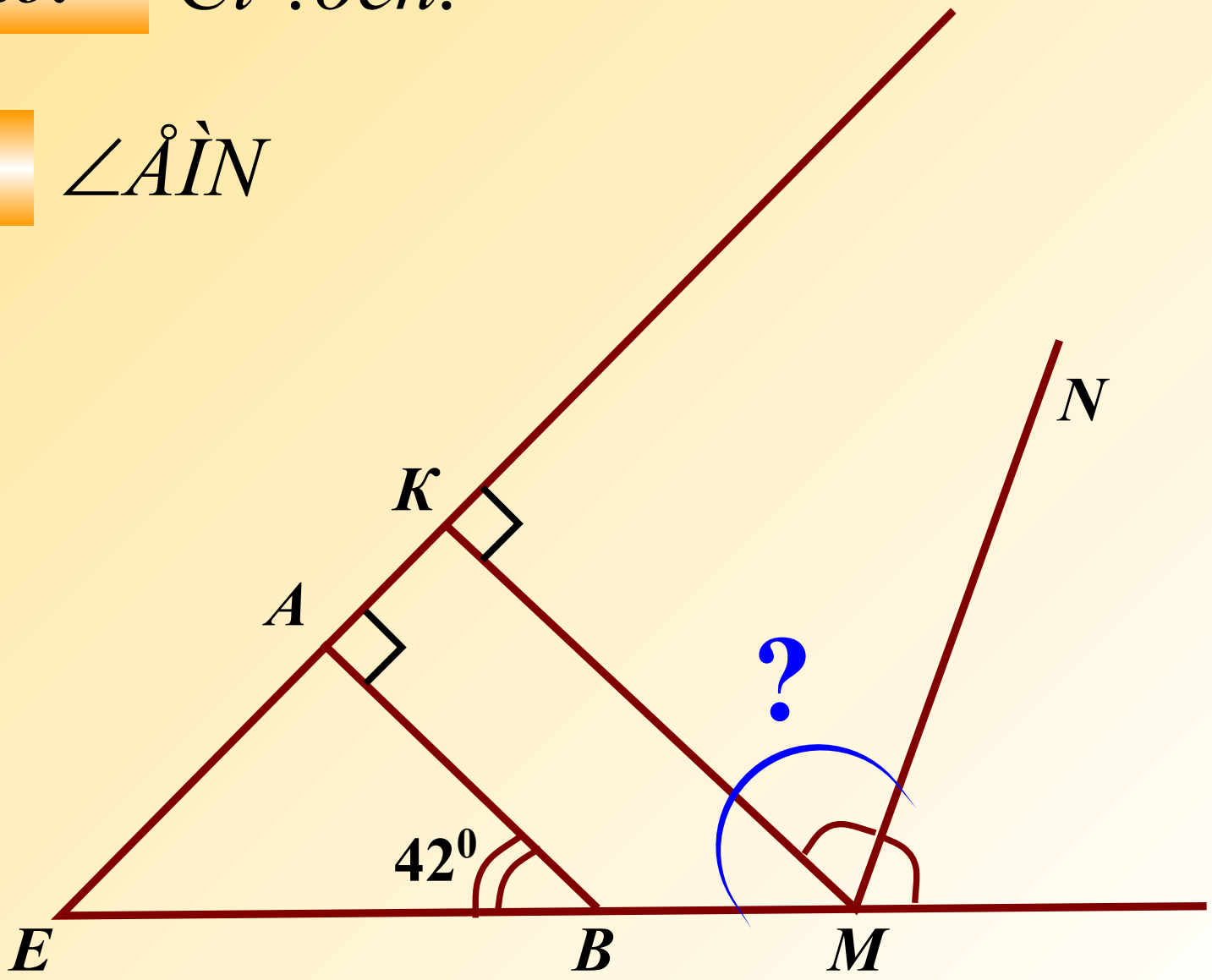
Найти: *MN*



7.

Дано: Сì .ðèñ.

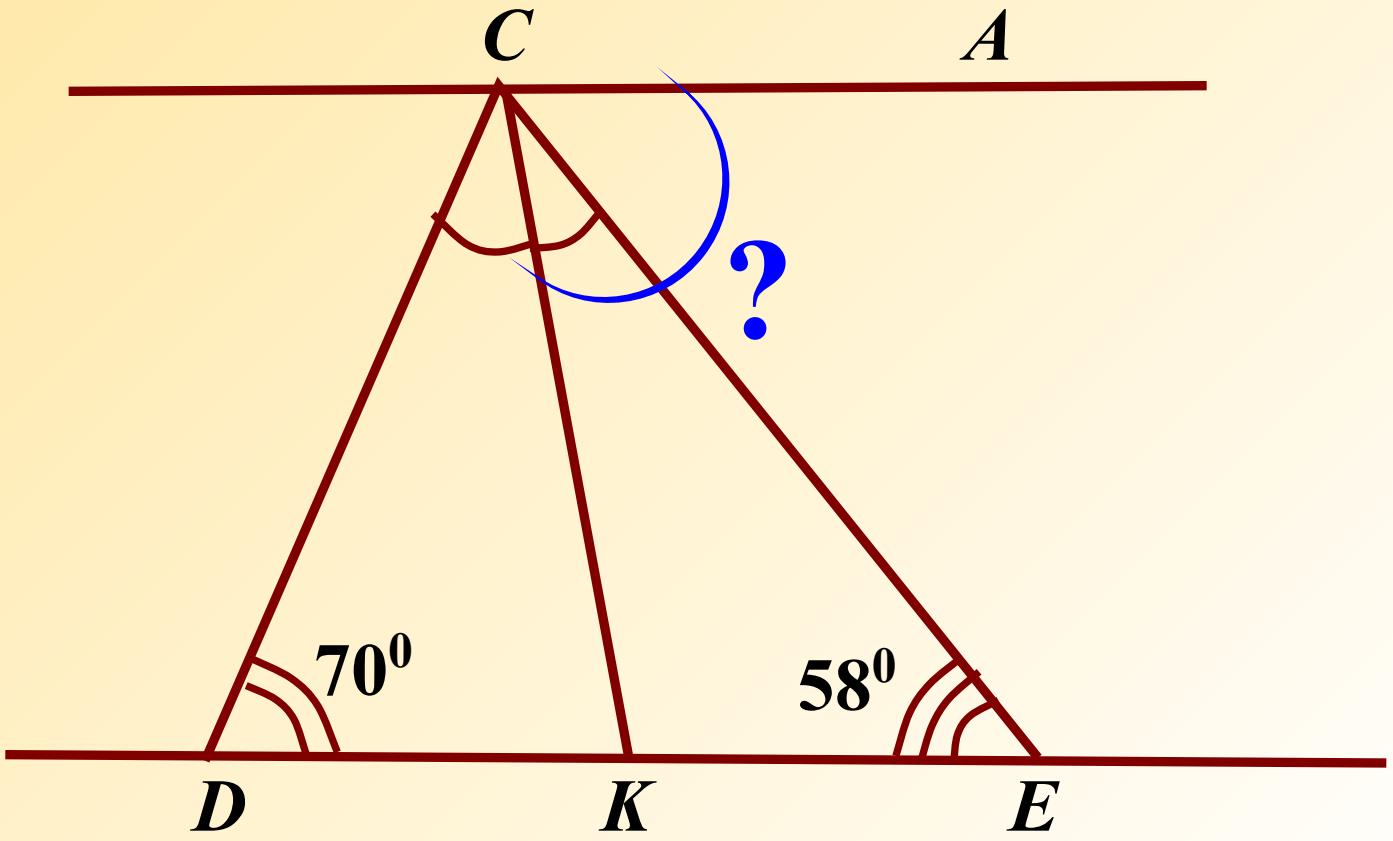
Найти: ∠ÅÌN



8.

Дано: $ÀÑ \text{ II } DE$

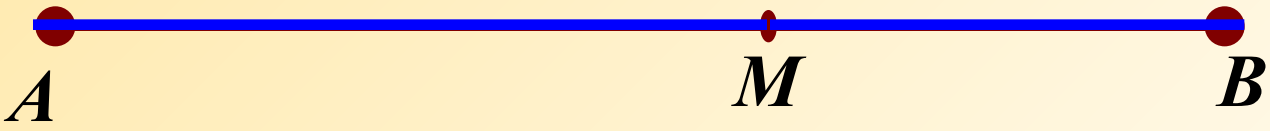
Найти: $\angle ÀÑÊ$



9.

Дано: $AB = 7\text{ñì}$, $\text{ÀÌ}^{\,2} - \text{ÌÂ}^{\,2} = 7$

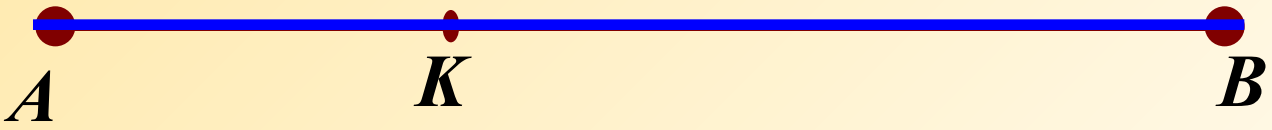
Найти: ÀÌ , ÌB



10.

Дано: $\frac{1}{3}A\hat{E} = \frac{1}{4}\hat{A}\hat{E}$, $\grave{A}\hat{A} = 14\tilde{n}\grave{i}$

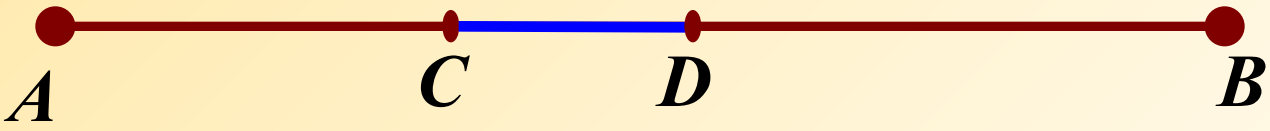
Найти: $\grave{A}\hat{E}$, $B\hat{E}$



11.

Дано: $AB = 15{,}6,\ \ \grave{A}D = 7{,}5,\ \ CB = 10{,}2$

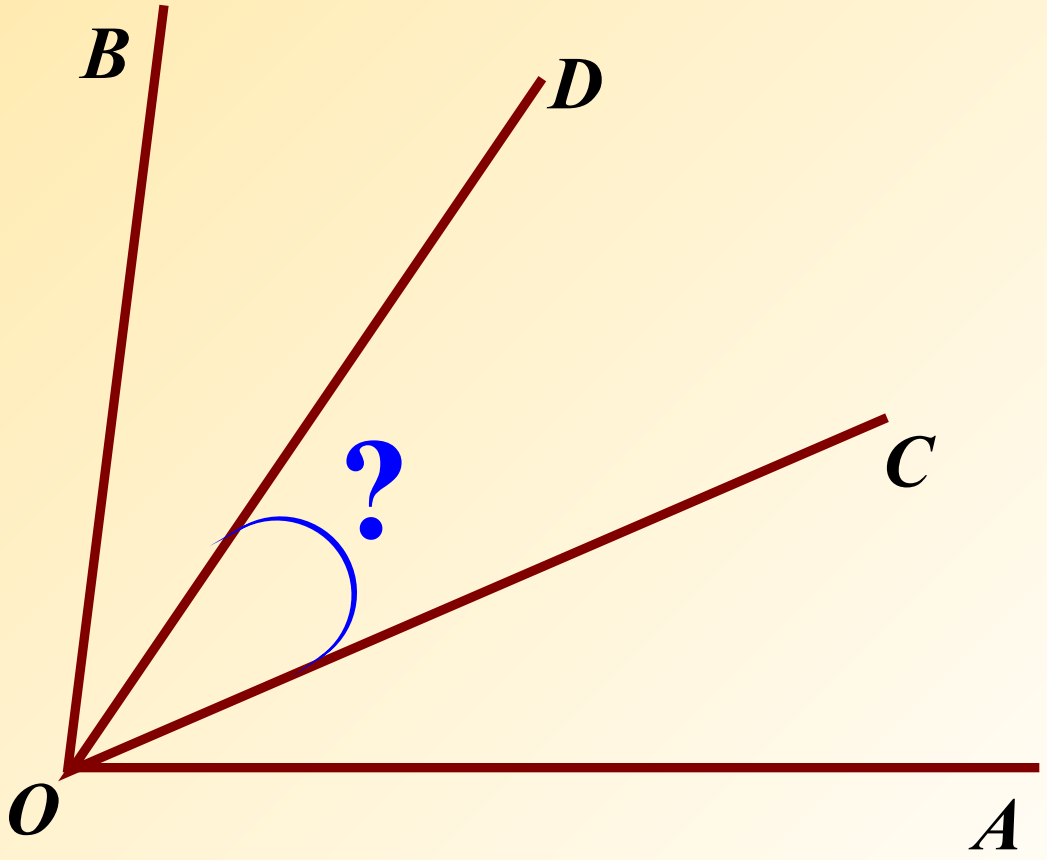
Найти: $\tilde{N}D$



12.

Дано: $\angle \hat{A}\hat{I}\tilde{N} = 63^0, \angle \grave{A}\hat{I}D = 57^0, \angle \grave{A}\hat{I}B = 85^0$

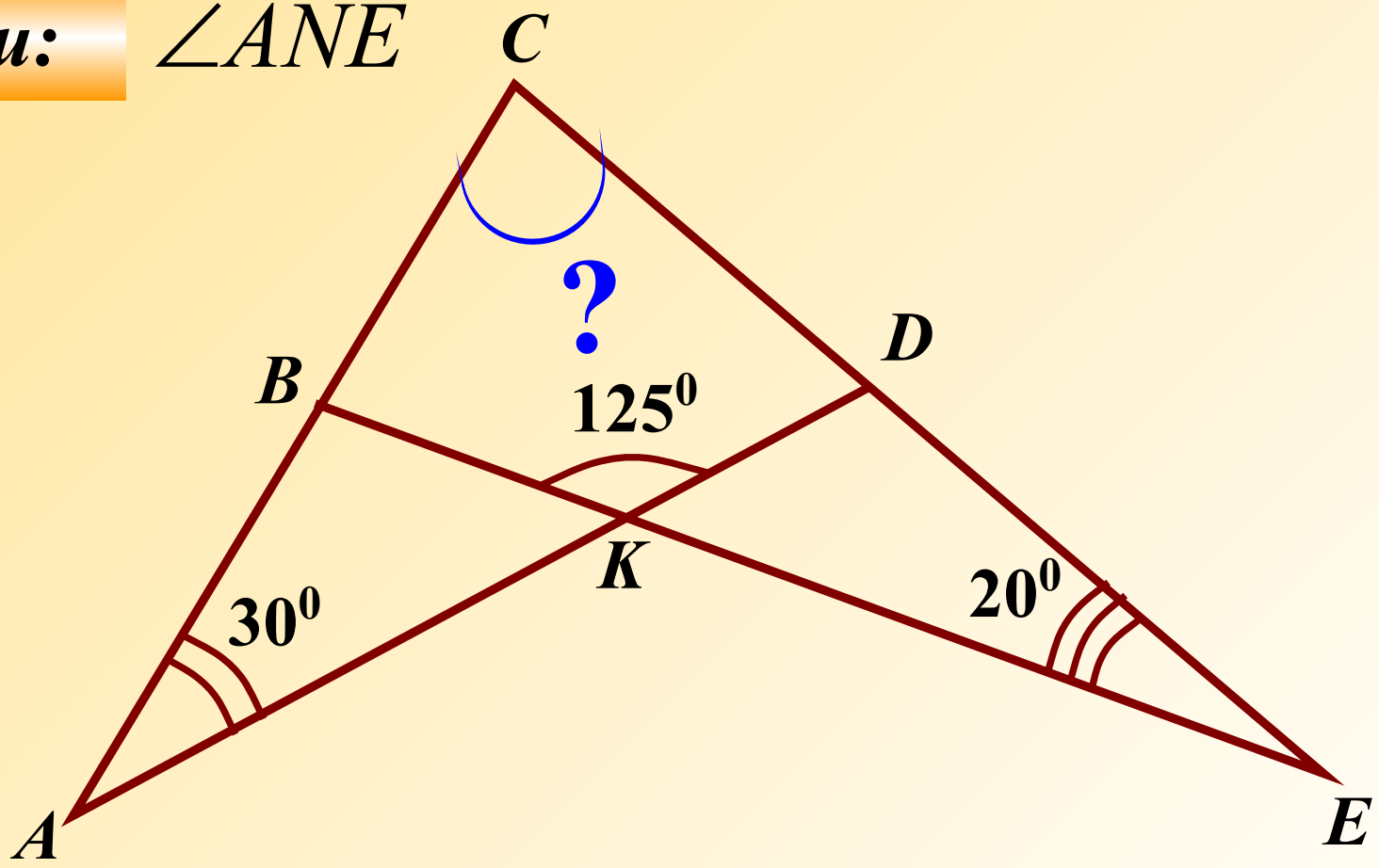
Найти: $\angle D\hat{I}C$



13.

Дано: Сì .ðèñ.

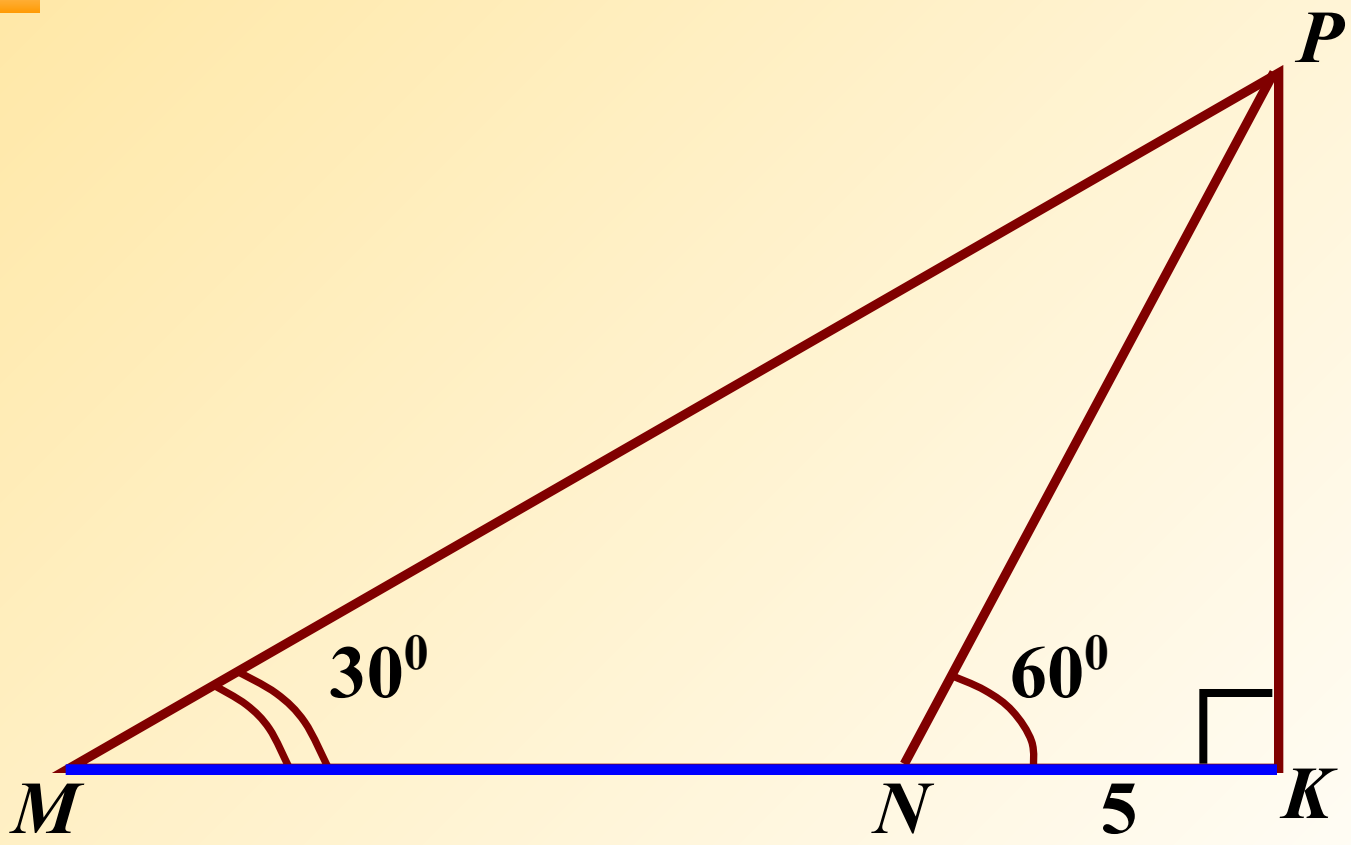
Найти: ∠ÀÑE



14.

Дано: ΔMPK

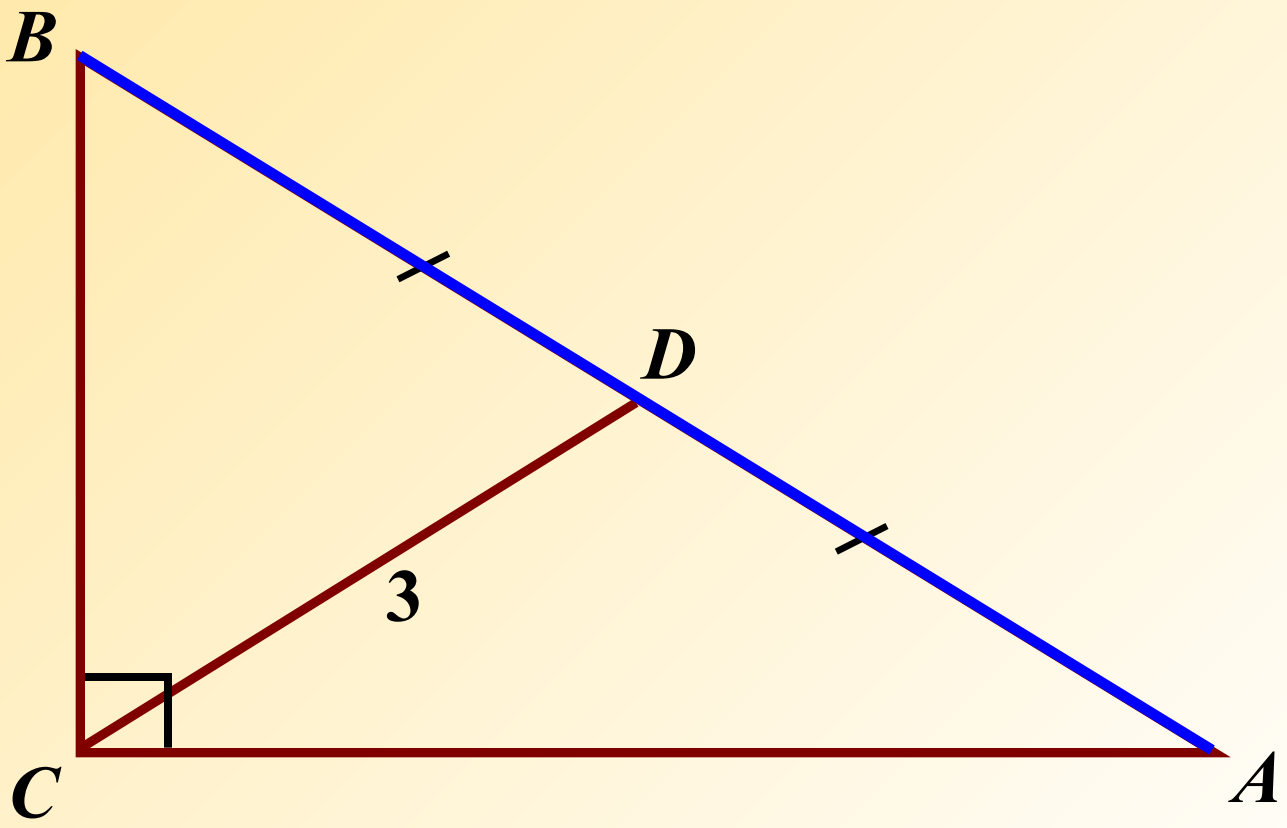
Найти: $M\hat{E}$



15.

Дано: ΔABC

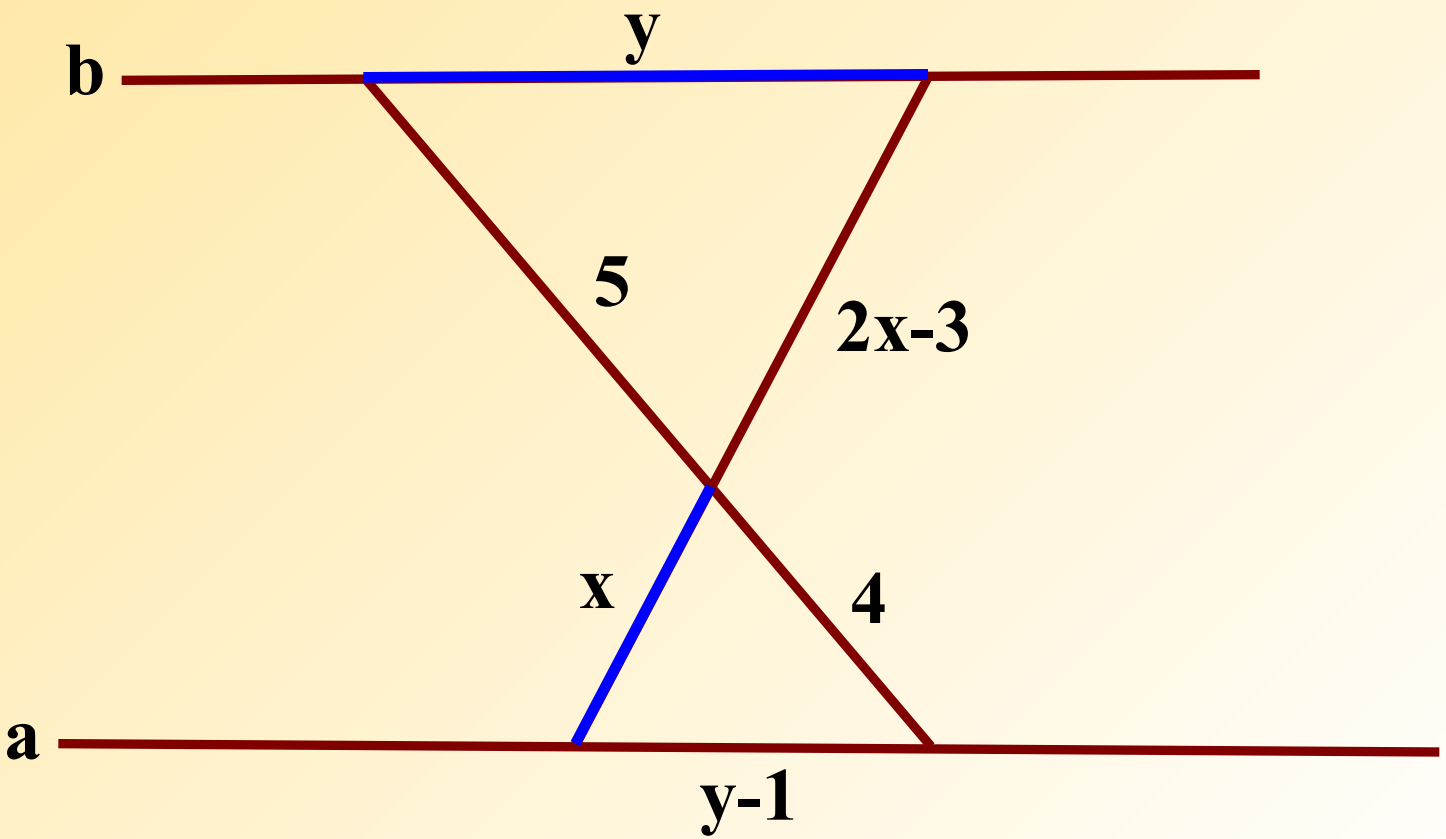
Найти: $A\hat{A}$



16.

Дано: a II b

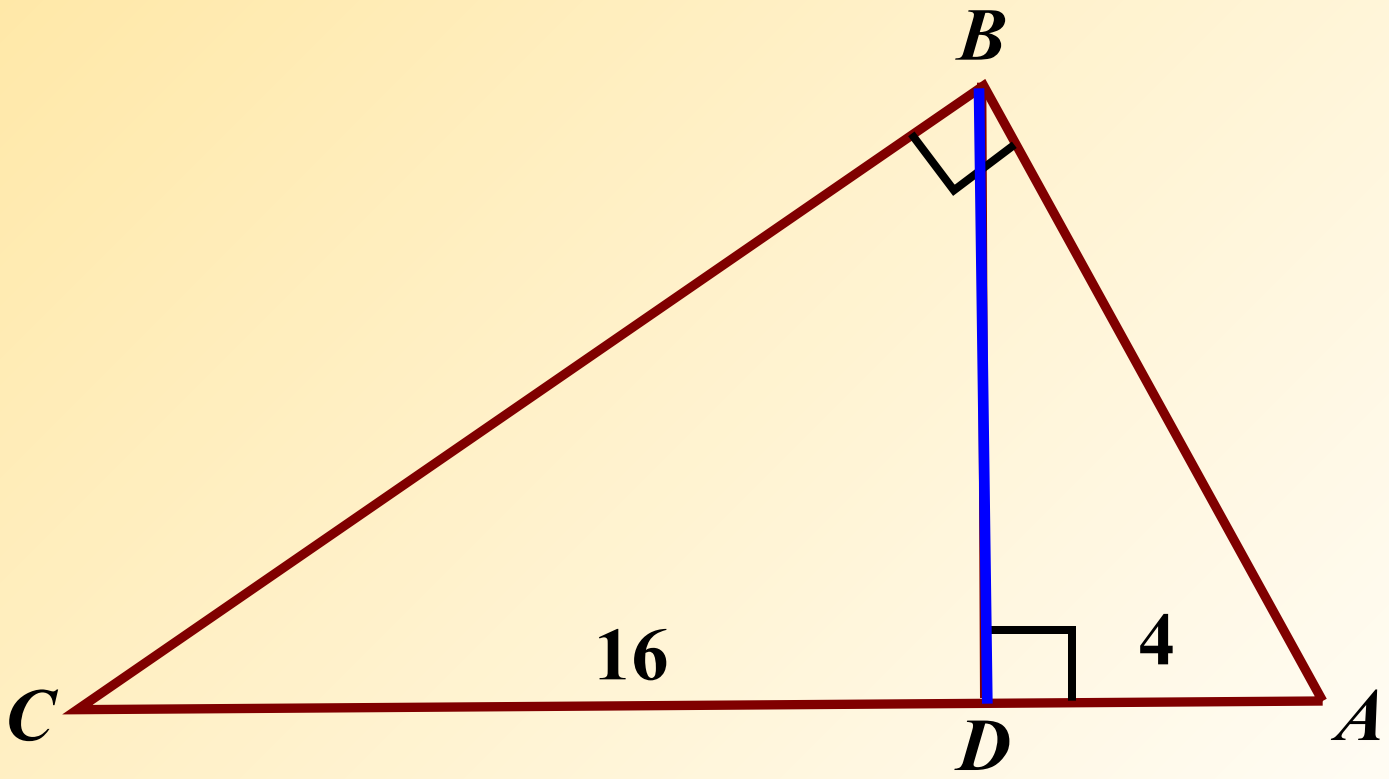
Найти: x, y



17.

Дано: ΔABC

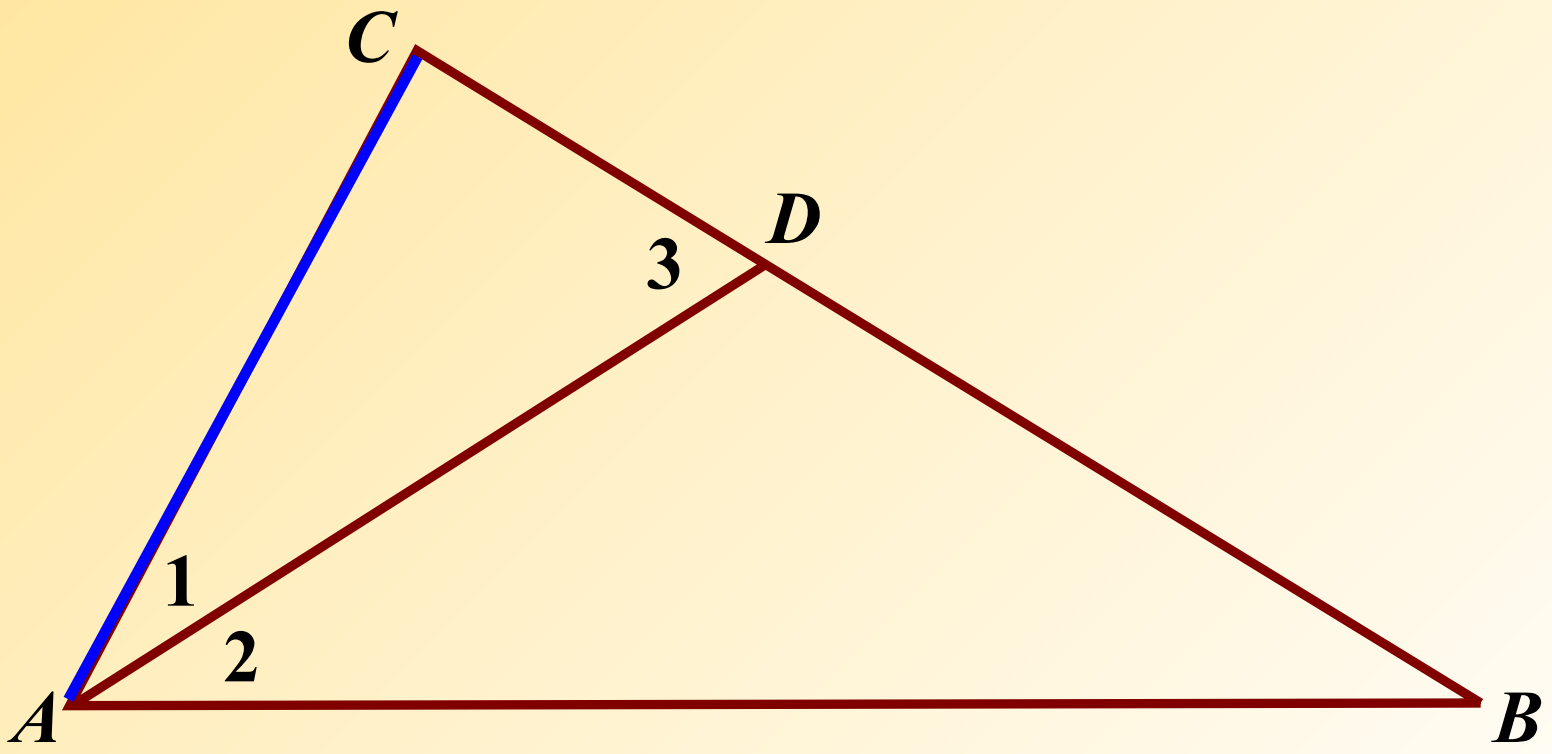
Найти: $\hat{A}D$



18.

Дано: $\angle 3 = \angle 1 + \angle 2,\ \tilde{N}D = 4,\ CB = 9$

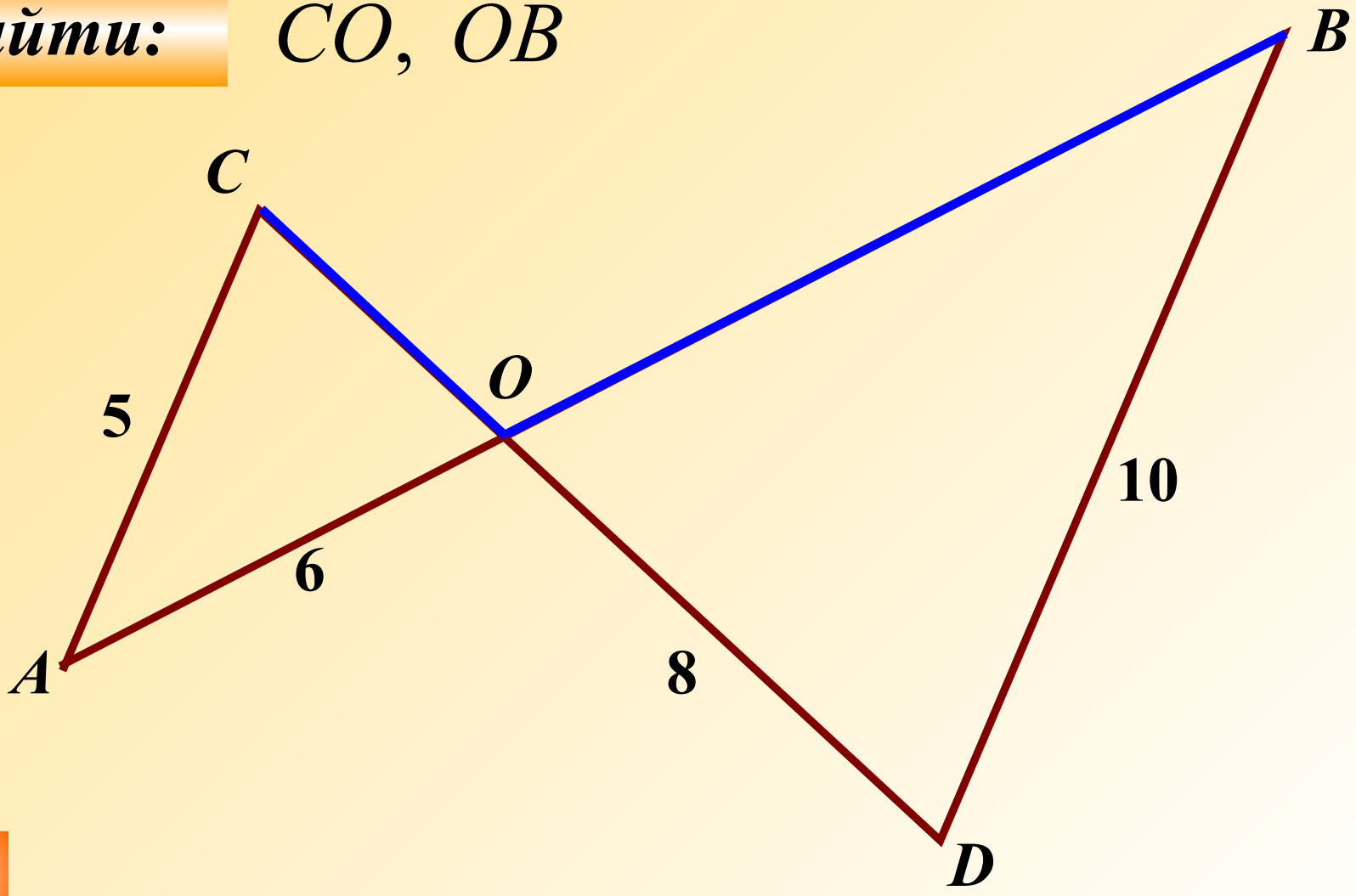
Найти: $A\tilde{N}$



19.

Дано: $AC \parallel BD$

Найти: $CO,\ OB$

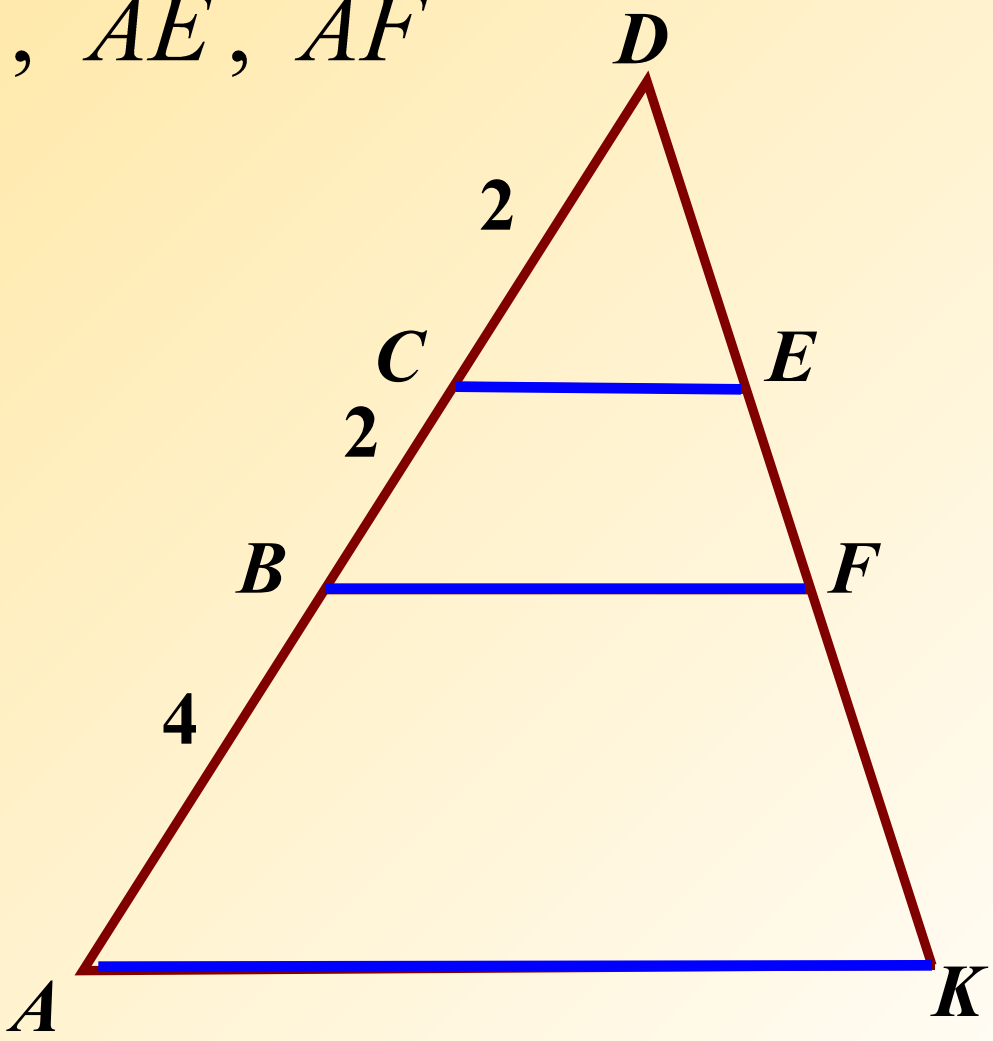


20.

Дано: $\tilde{N}\mathring{A}\text{II}A\hat{E}\text{II}\hat{A}F$

$C\mathring{A} + \hat{A}F + \grave{A}\hat{E} = 21$

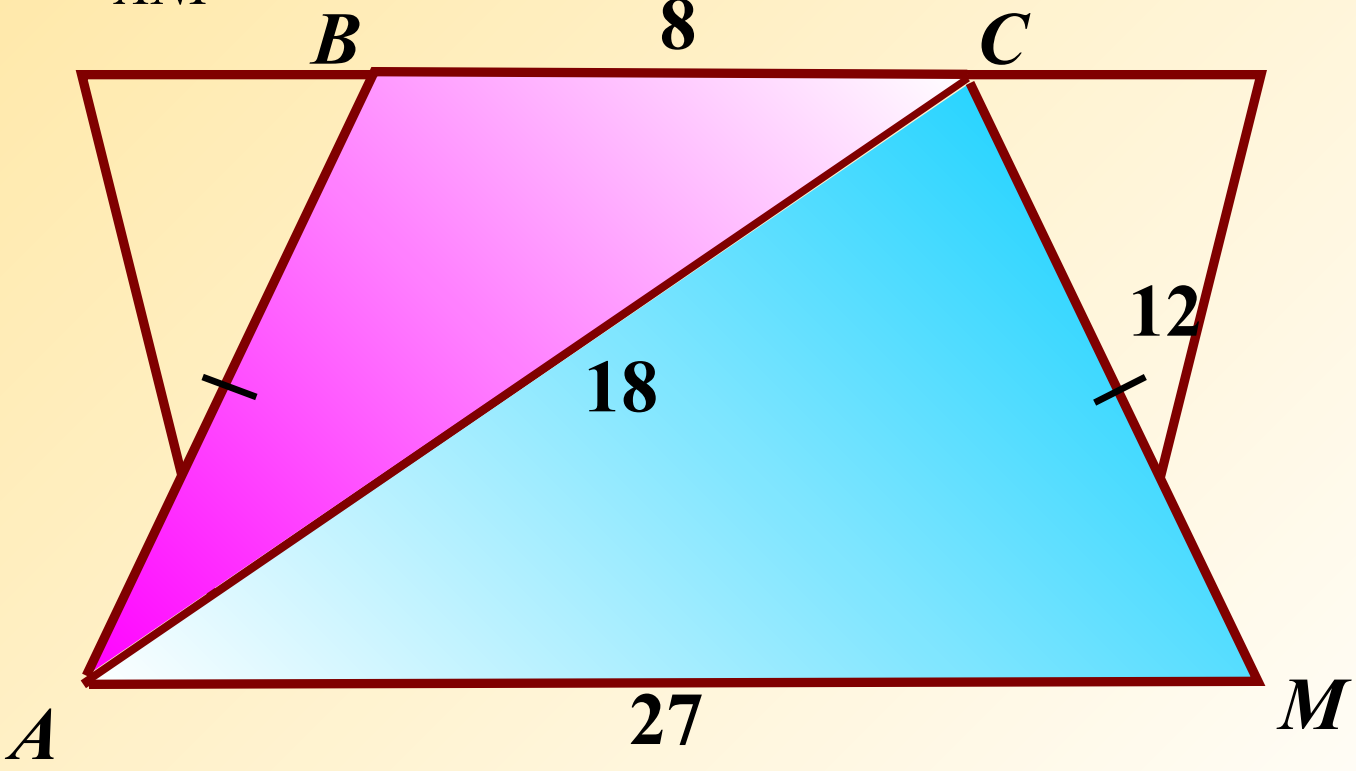
Найти: $\tilde{N}\mathring{A},\ A\hat{E},\ \hat{A}F$



21.

Дано: $ABCD$ – òðàïåöèÿ

Найти: $\frac{S_{ÀBC}}{S_{AÑÌ}}$

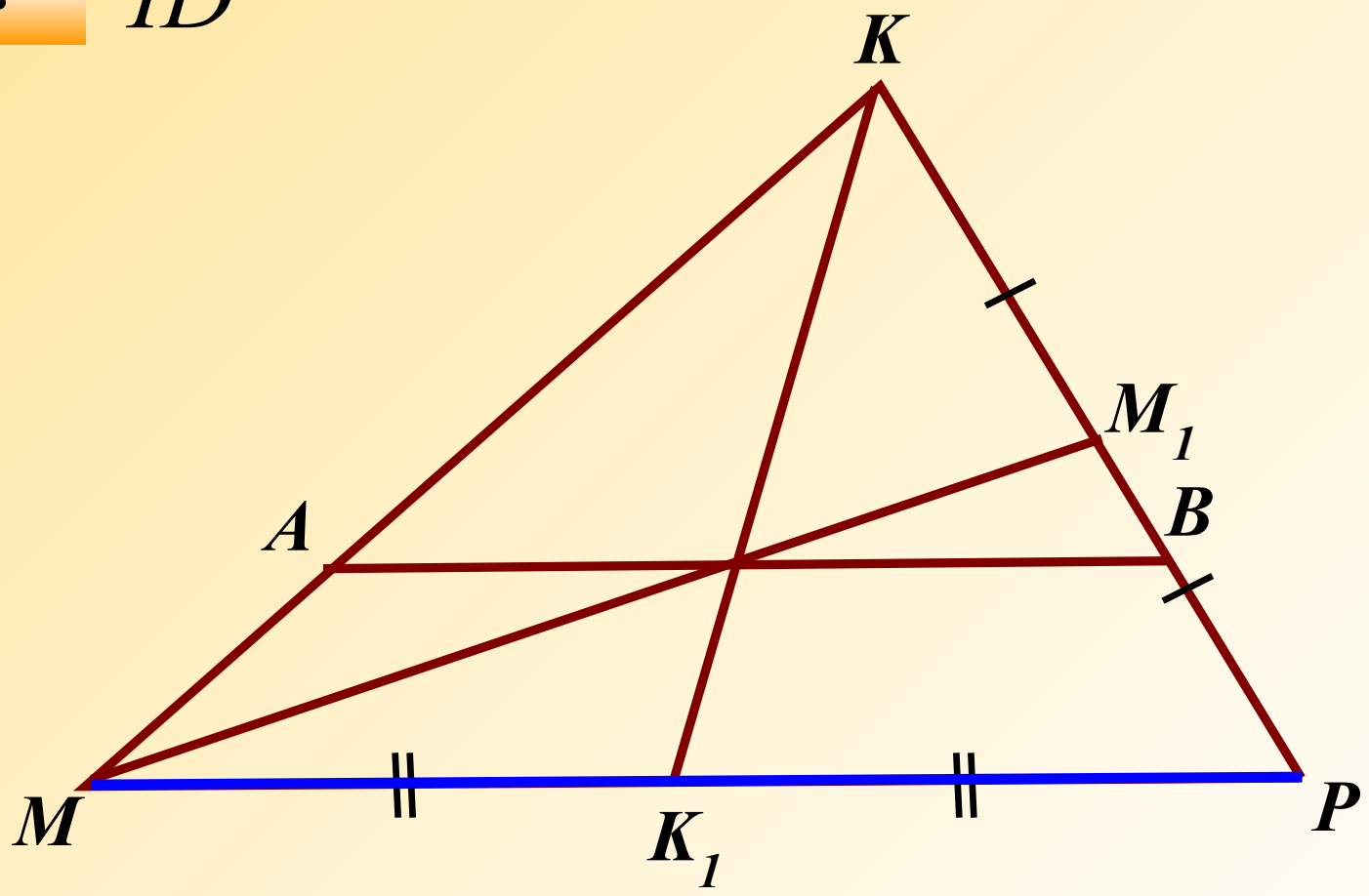


22.

Дано: ΔMKP , $AB \parallel MP$

$KM_1 = M_1P$, $AB = 18$

Найти: M_1P

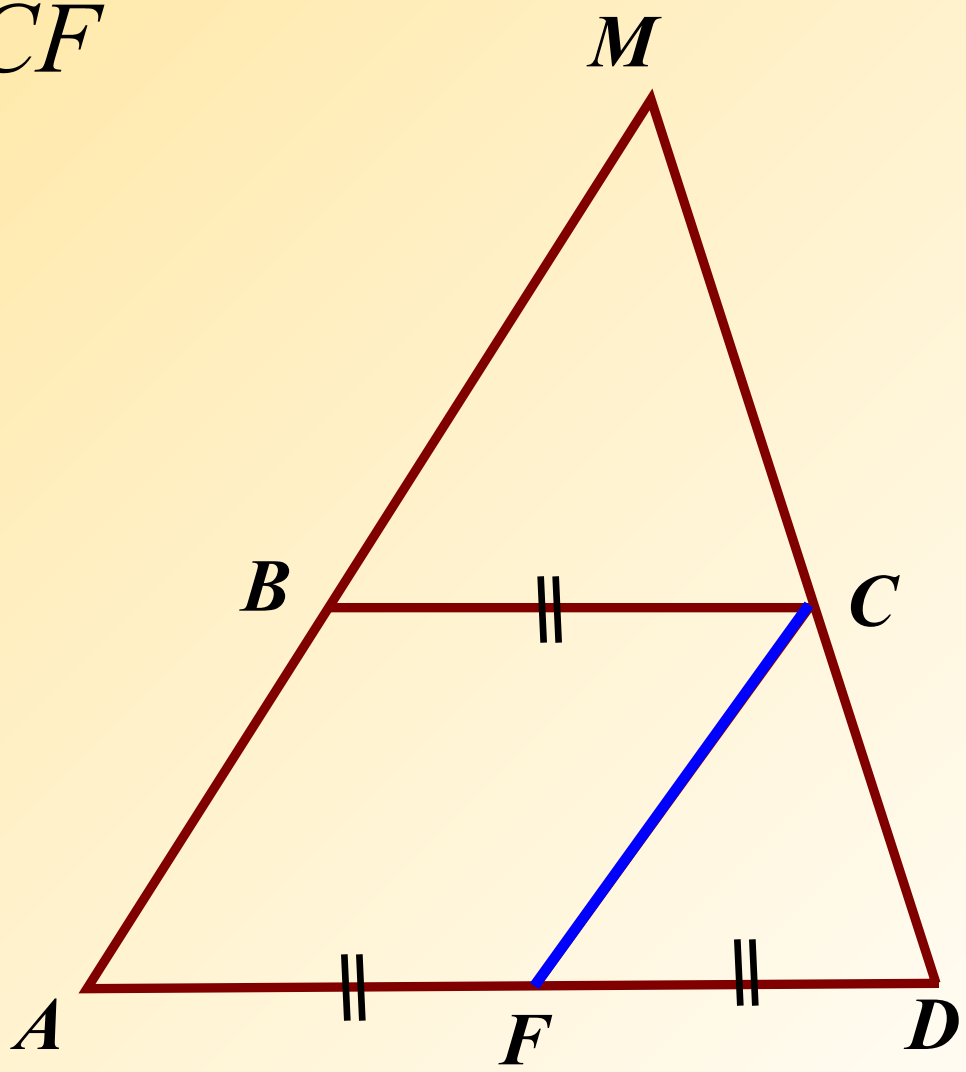


23.

Дано: $AÂÑD - òðàïåöèÿ$

$ÀM = 10ñì$

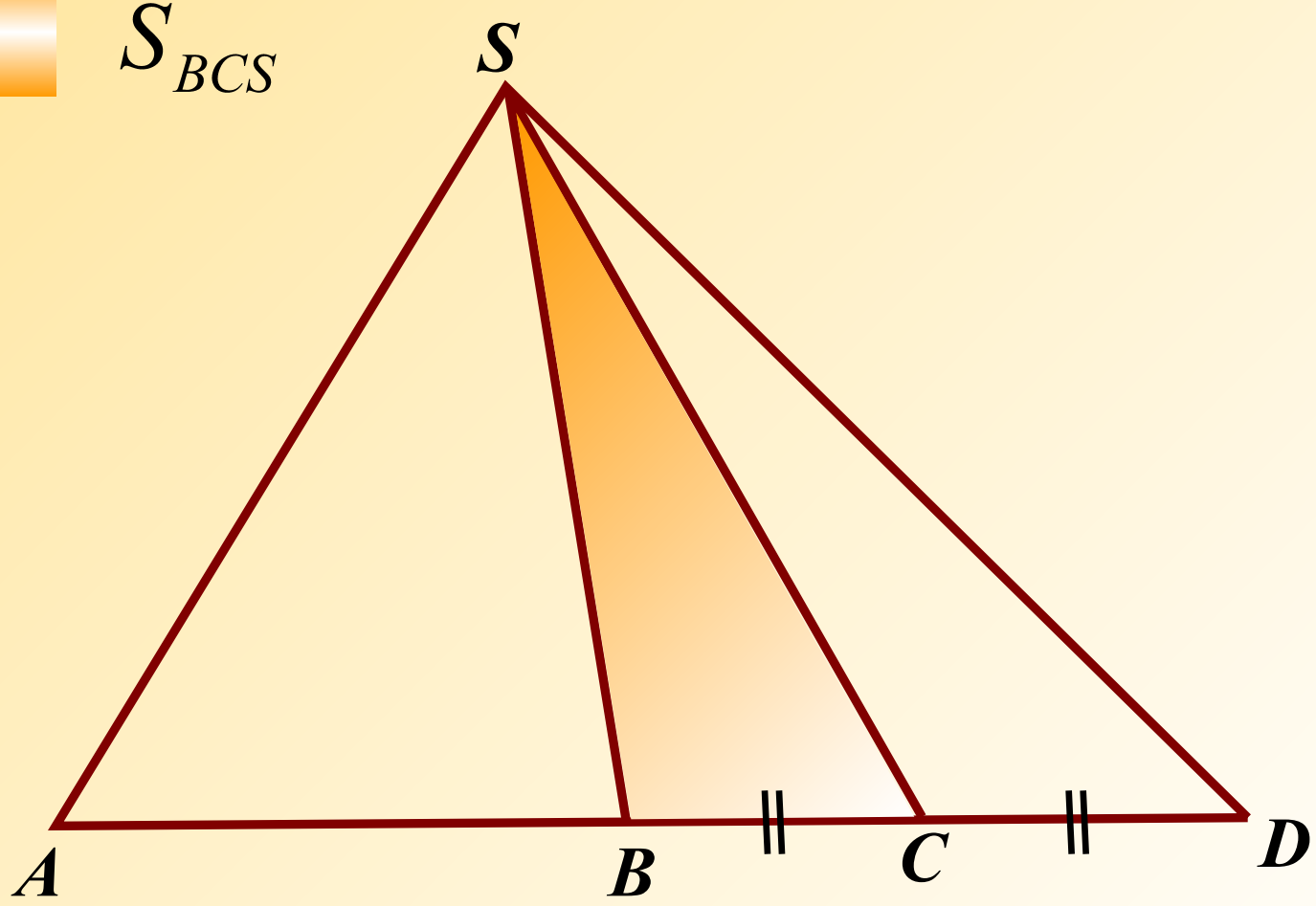
Найти: CF



24.

Дано: $S_{ASD} = 16,\ AB = BD$

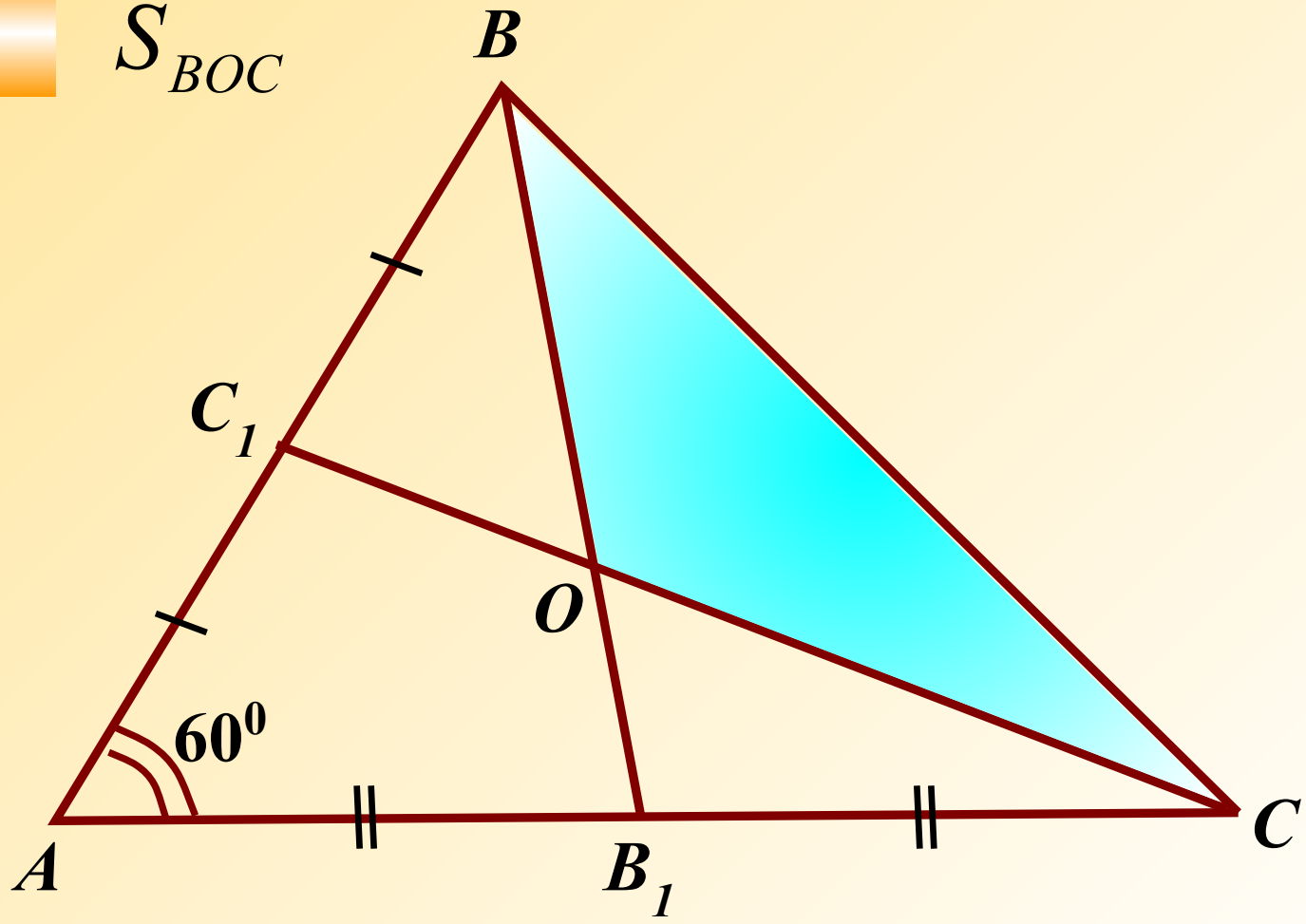
Найти: S_{BCS}



25.

Дано: $\Delta ABC,\ AB = 10,\ AC = 14$

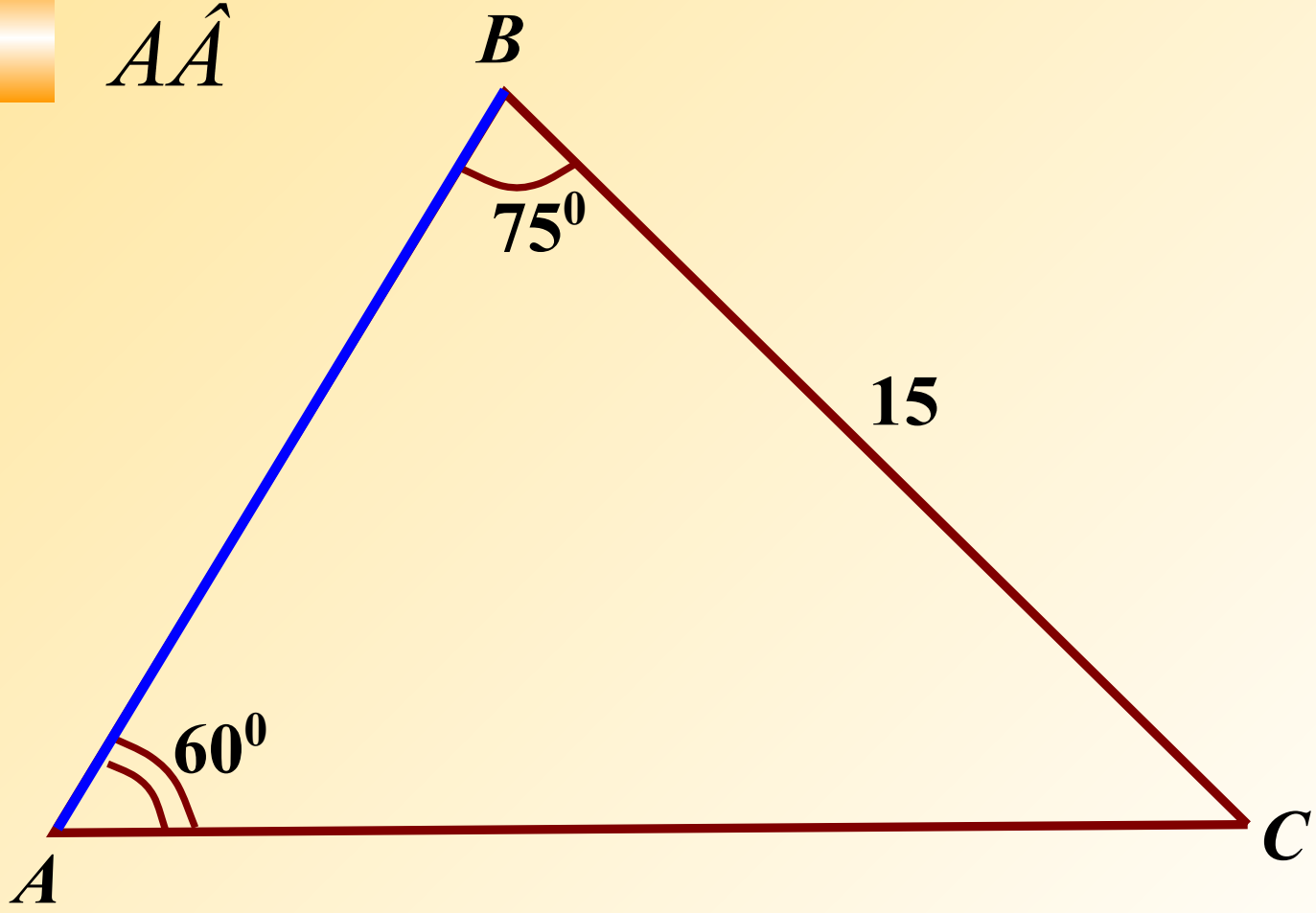
Найти: S_{BOC}



26.

Дано: ΔABC

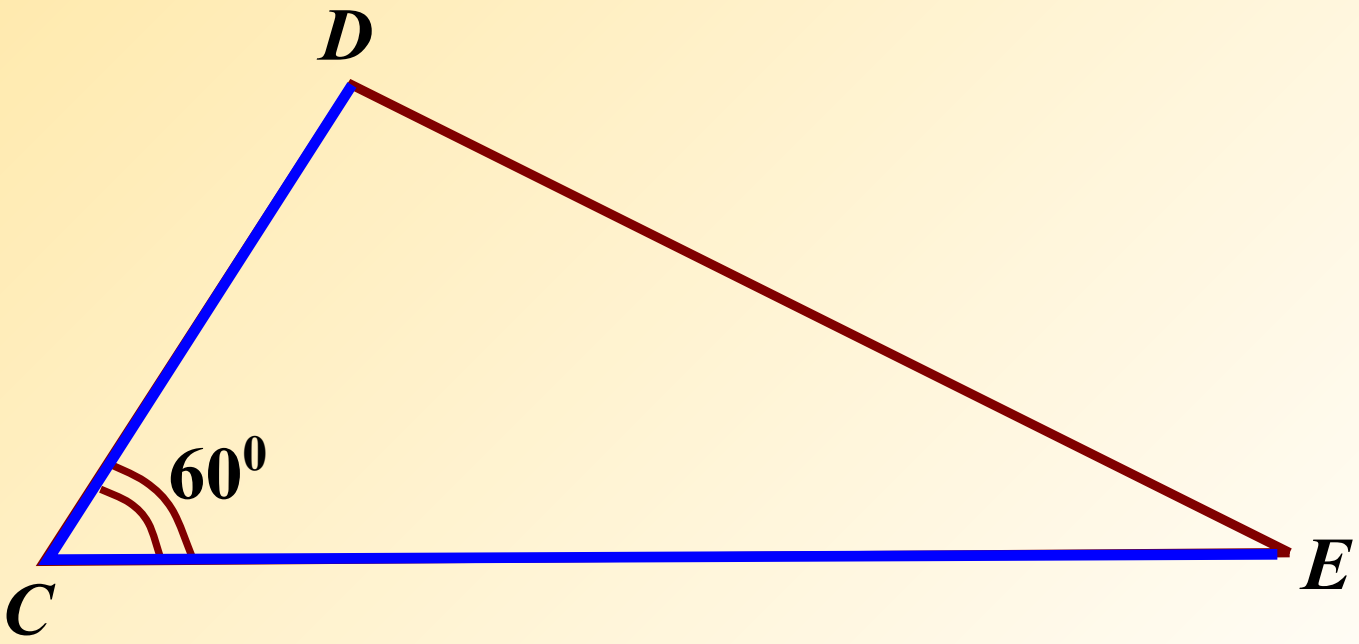
Найти: $A\hat{A}$



27.

Дано: $\Delta CDE,\ DE > CD$ â 2,5 ðàçà

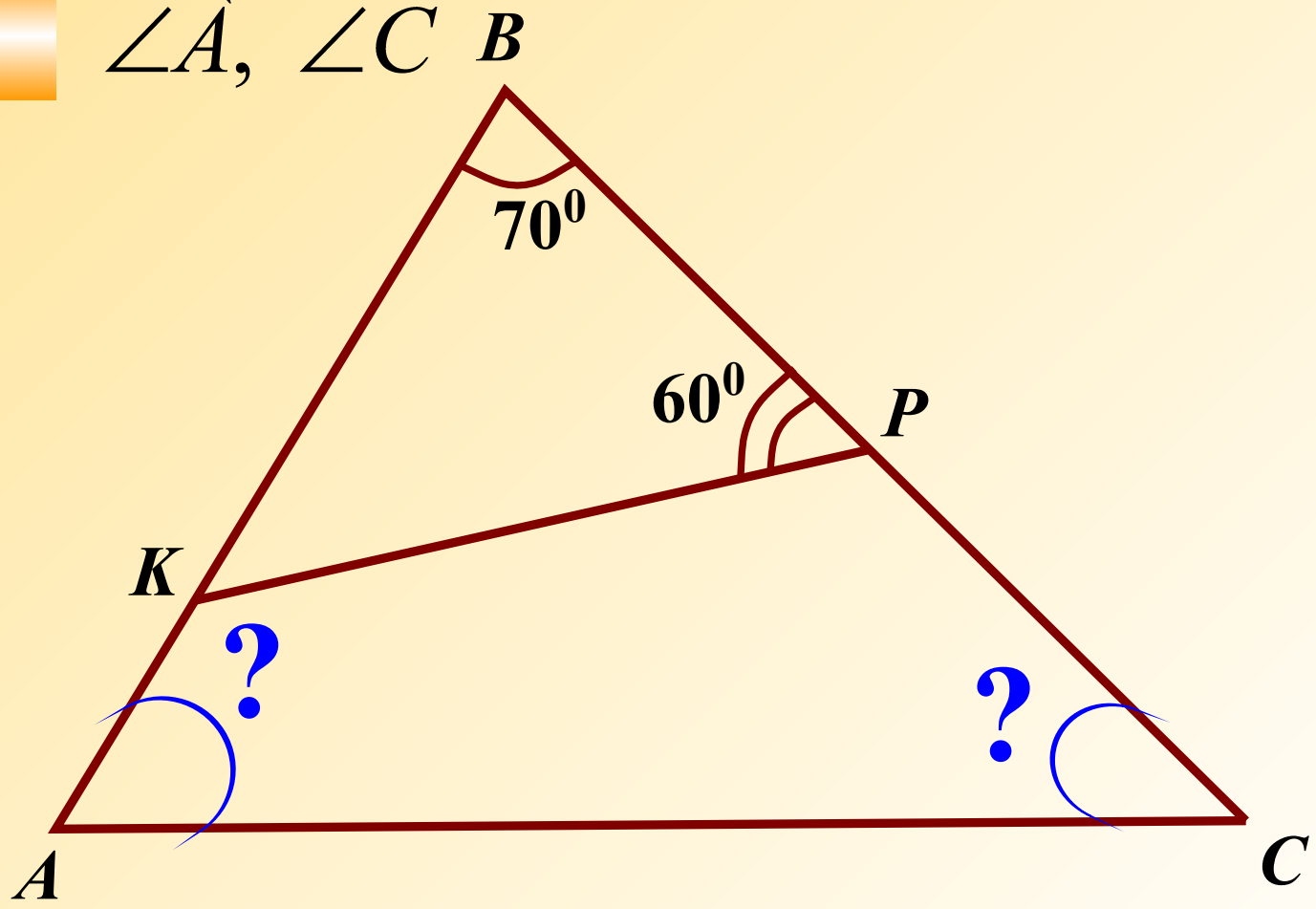
Найти: $\frac{\tilde{N}\mathring{A}}{\tilde{N}D}$



28.

Дано: $AB \cdot BK = CB \cdot BP$

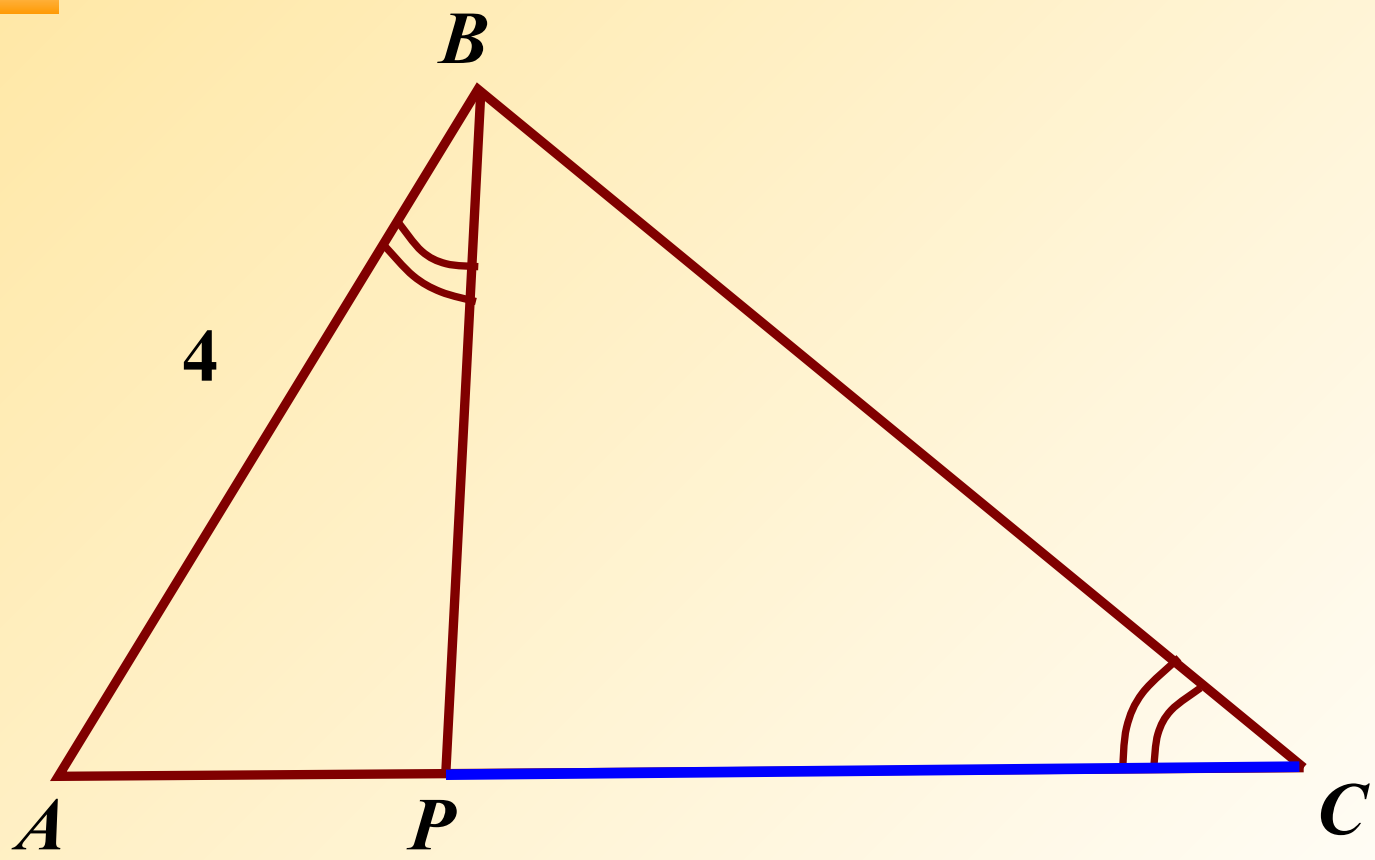
Найти: $\angle A,\ \angle C$



29.

Дано: $\Delta ABC,\ AC = 8$

Найти: PC



30.

Дано: ΔABC

Найти: OC