Окружность.
Центральные и вписанные углы.

Решение задач

на готовых чертежах.

Учитель математики

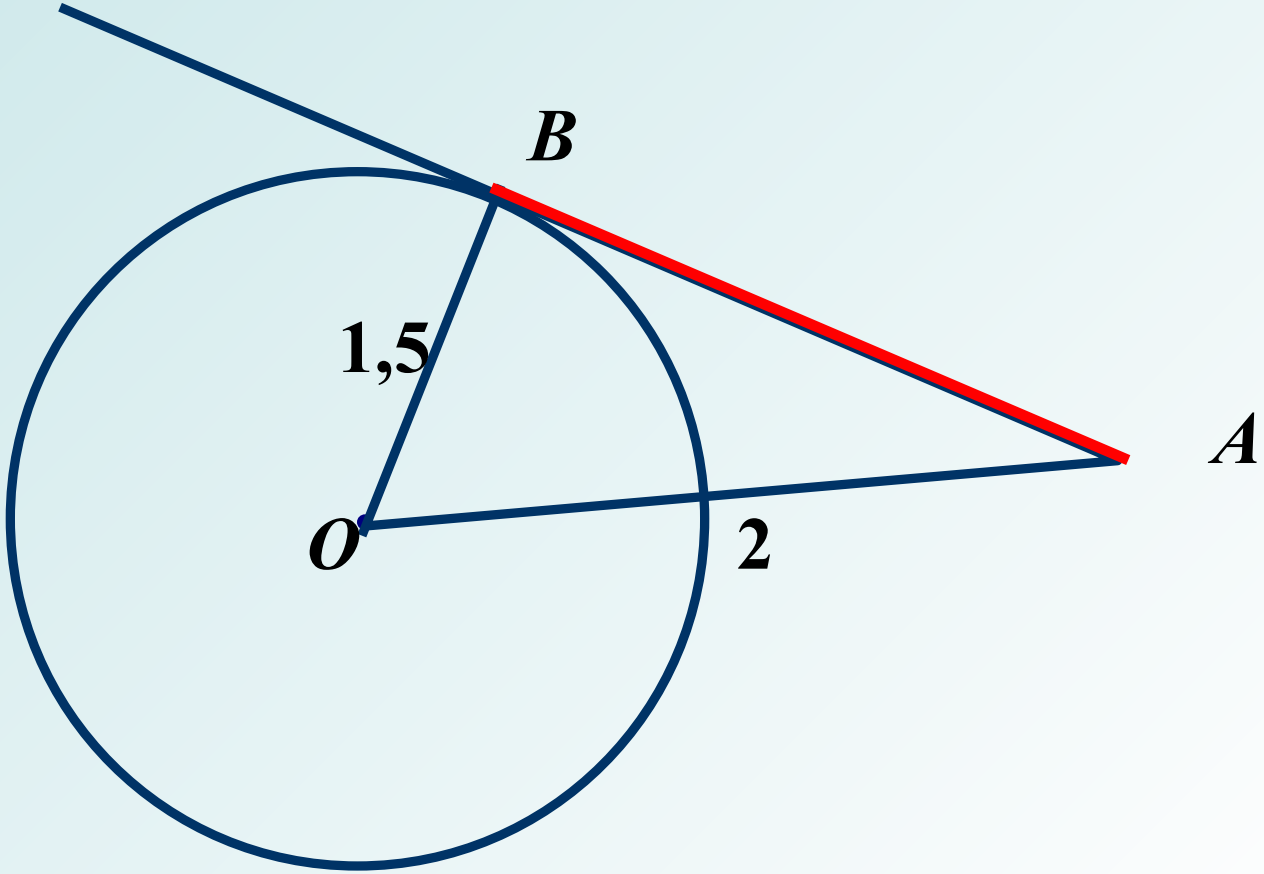
Иванова Т.Г.

1	2	3	4	5
6	7	8	9	10

1.

Дано: Окр.(O, r), AB – касательная, $OA = 2$ см, $r = 1{,}5$ см

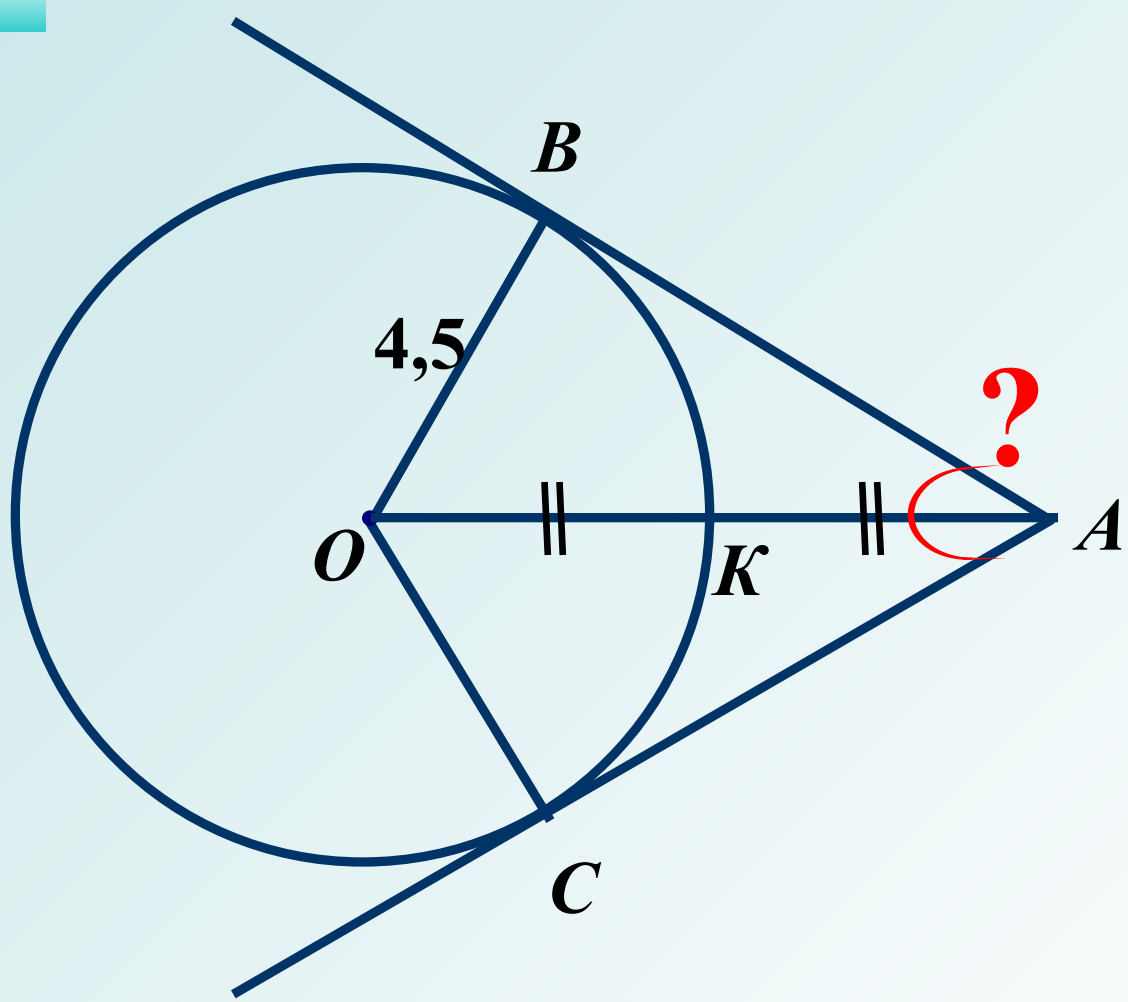
Найти: AB



2.

Дано: Окр.$(O;r)$, AB и AC – касательные

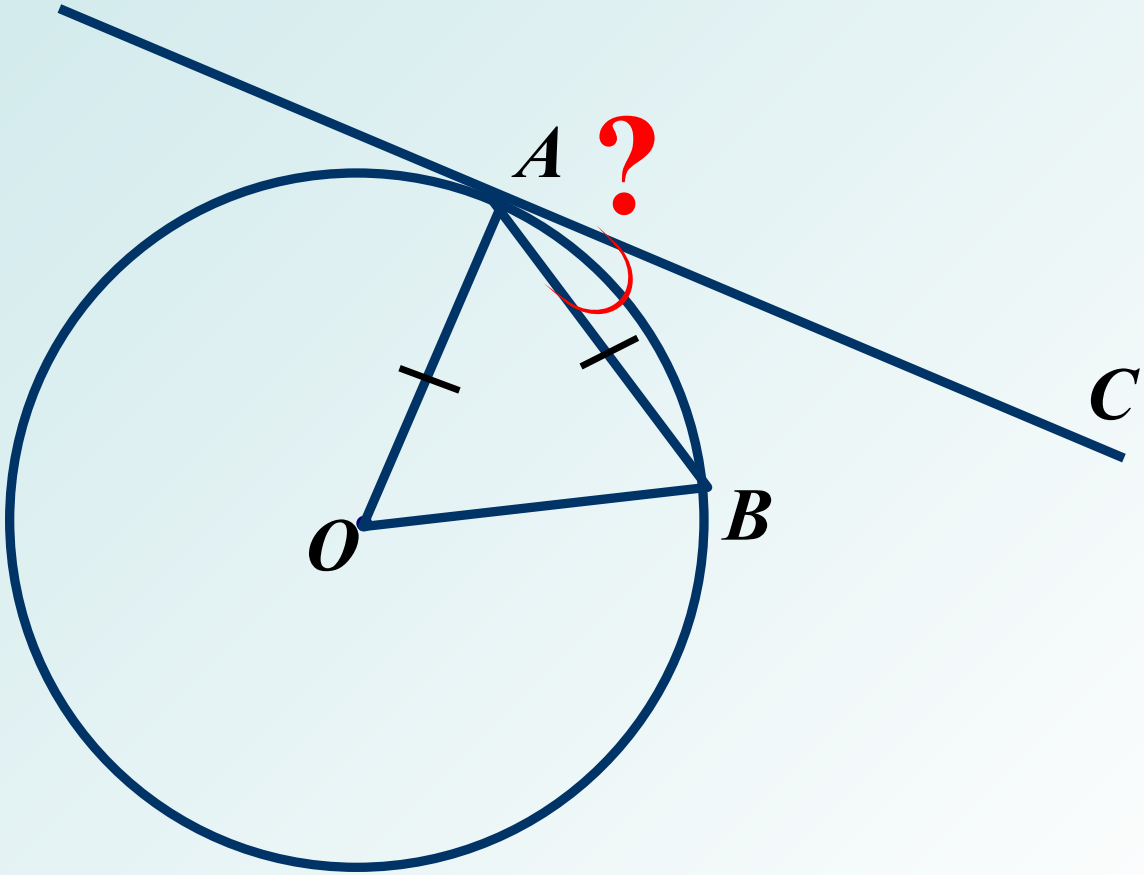
Найти: $\angle BAC$



3.

Дано: $Окр.(O;r)$, AC – касательная

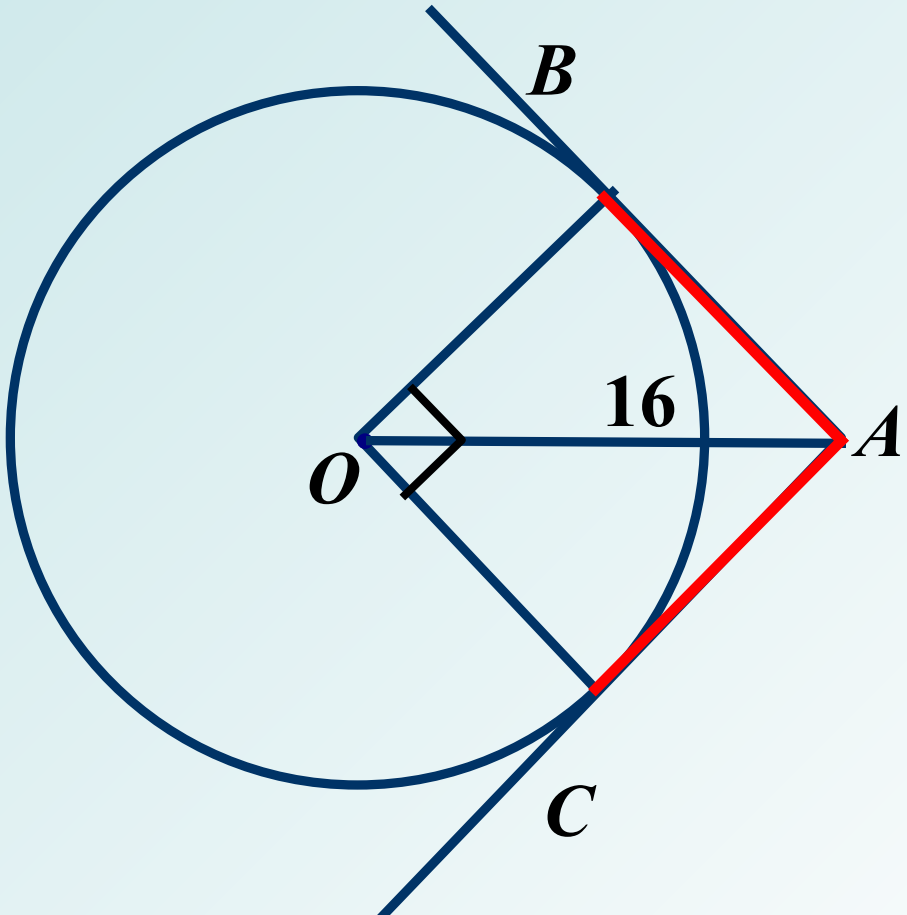
Найти: $\angle BAC$



4.

Дано: $Окр.(O;r)$, $OA = 16$ см, AB и AC - касательные

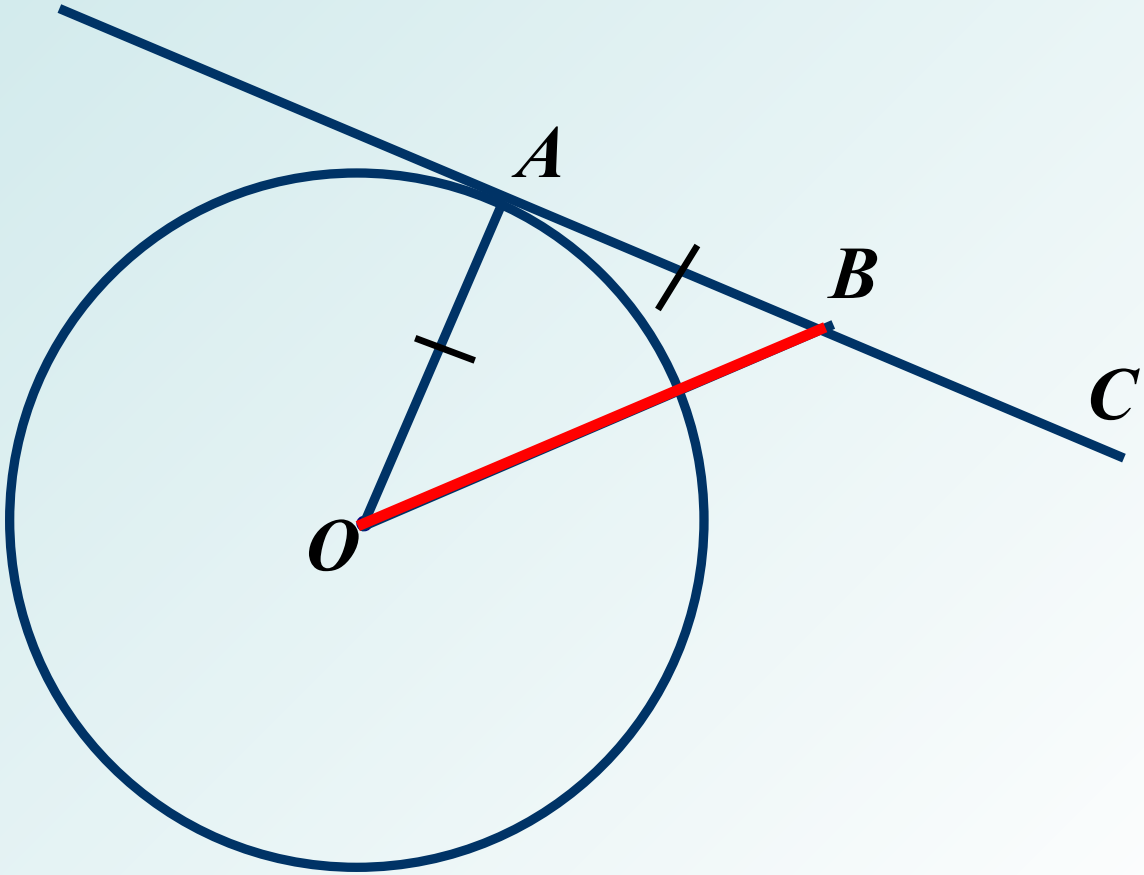
Найти: AB и AC



5.

Дано: O кр.$(O;r)$, $R = 5$ см, AC – касательная

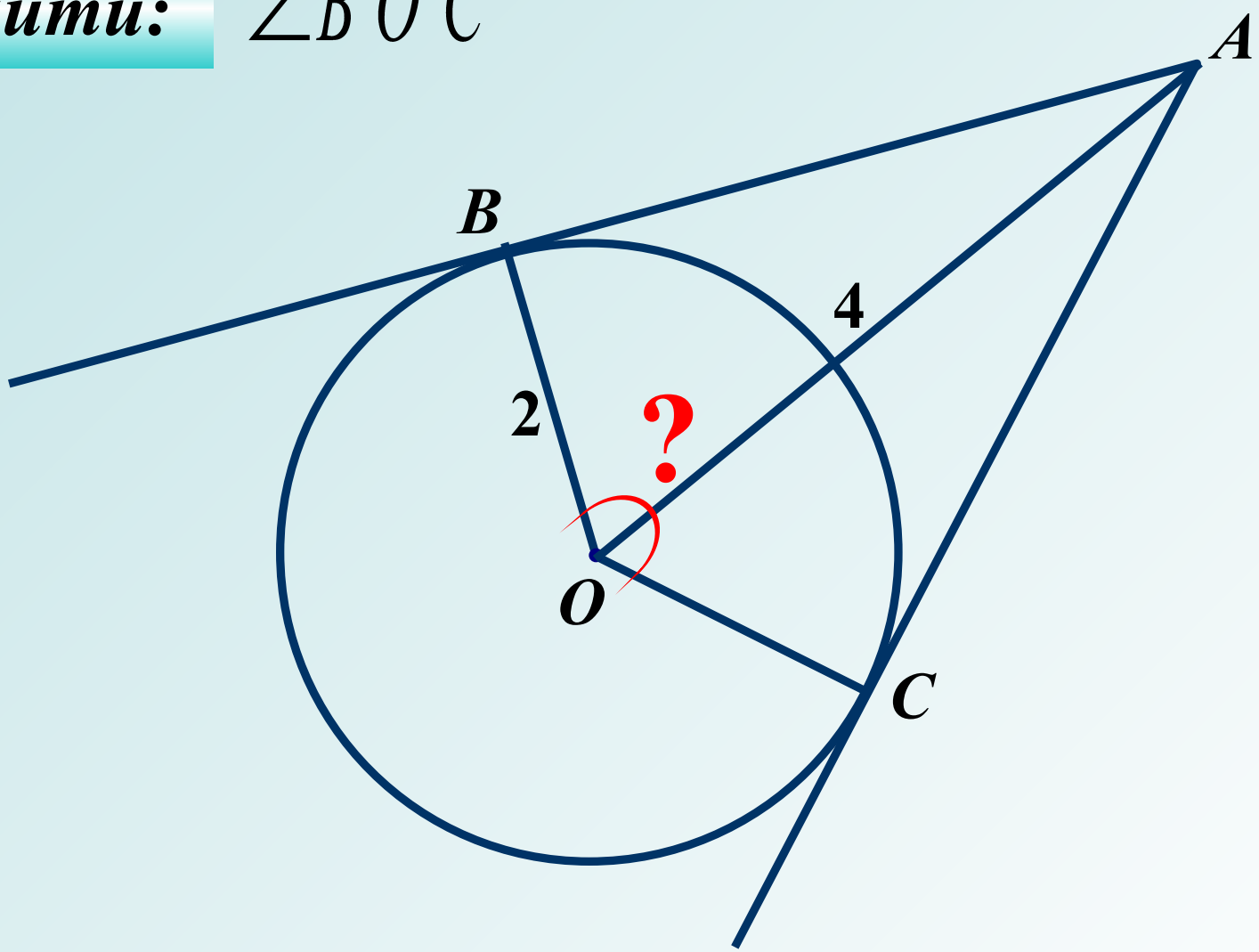
Найти: OB



6.

Дано: Окр.$(O;OB)$,
AB, AC – касательные

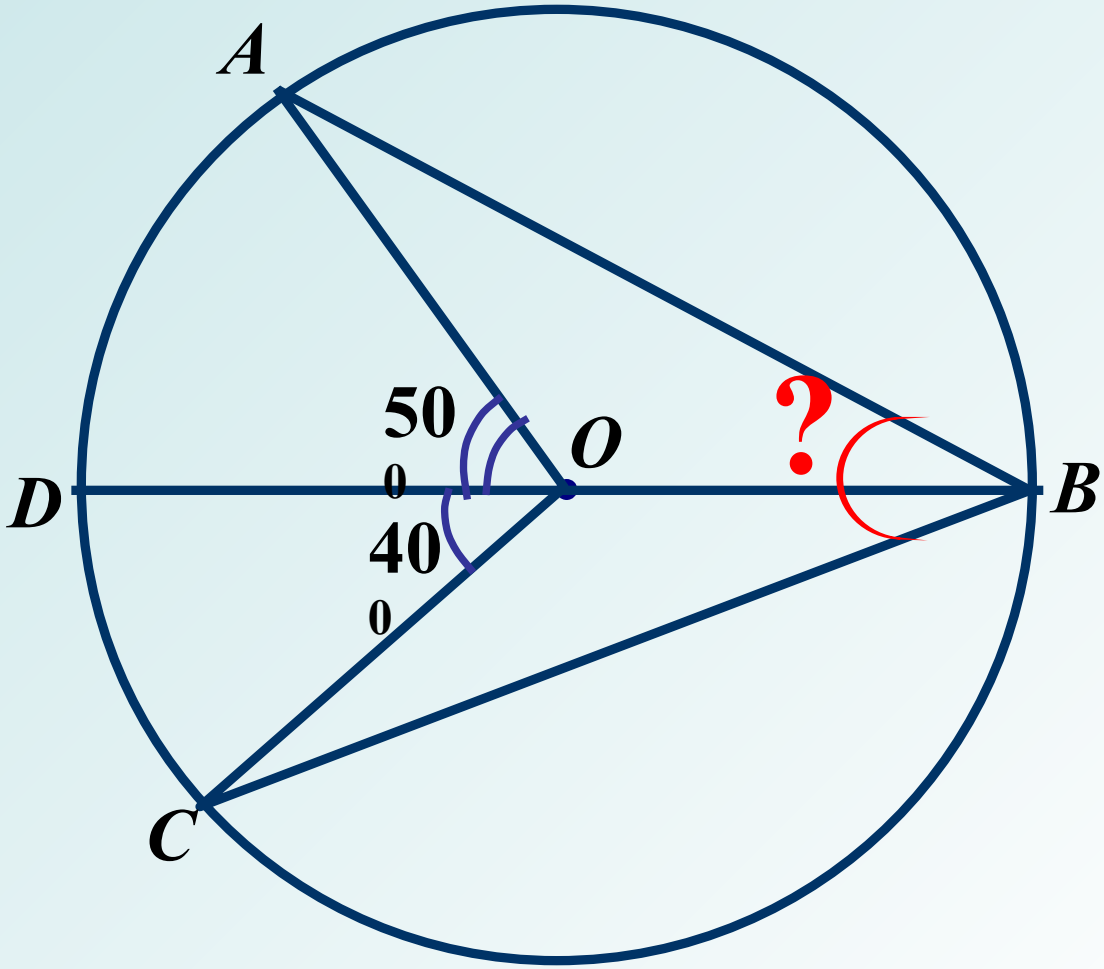
Найти: $\angle BOC$



7.

Дано: $\text{Окр.}(O;R)$

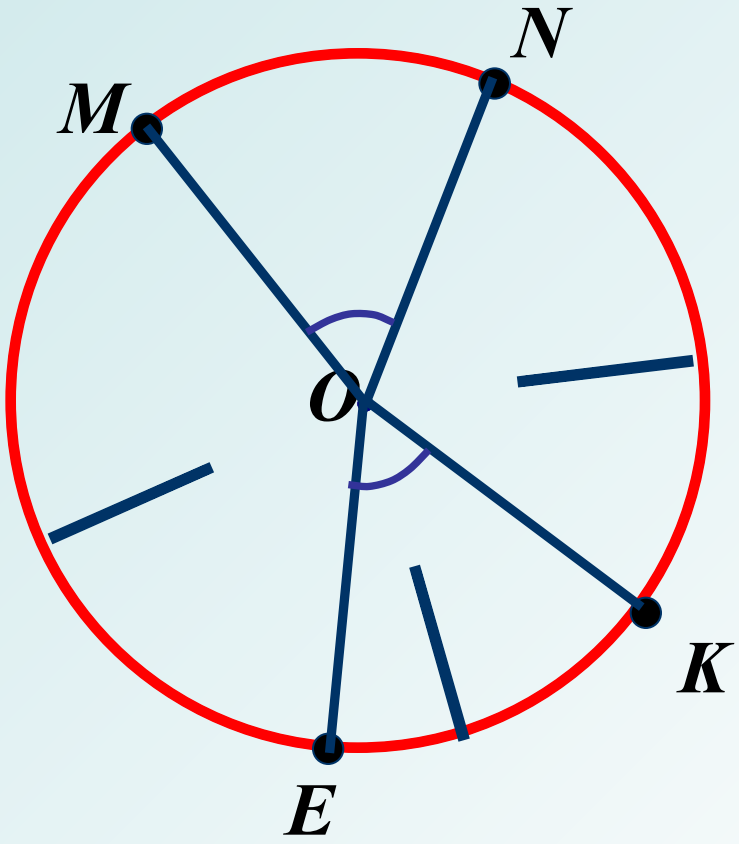
Найти: $\angle ABC$



8.

Дано: $\angle MON : \angle EOK : \angle KON = 3 : 4 : 5$

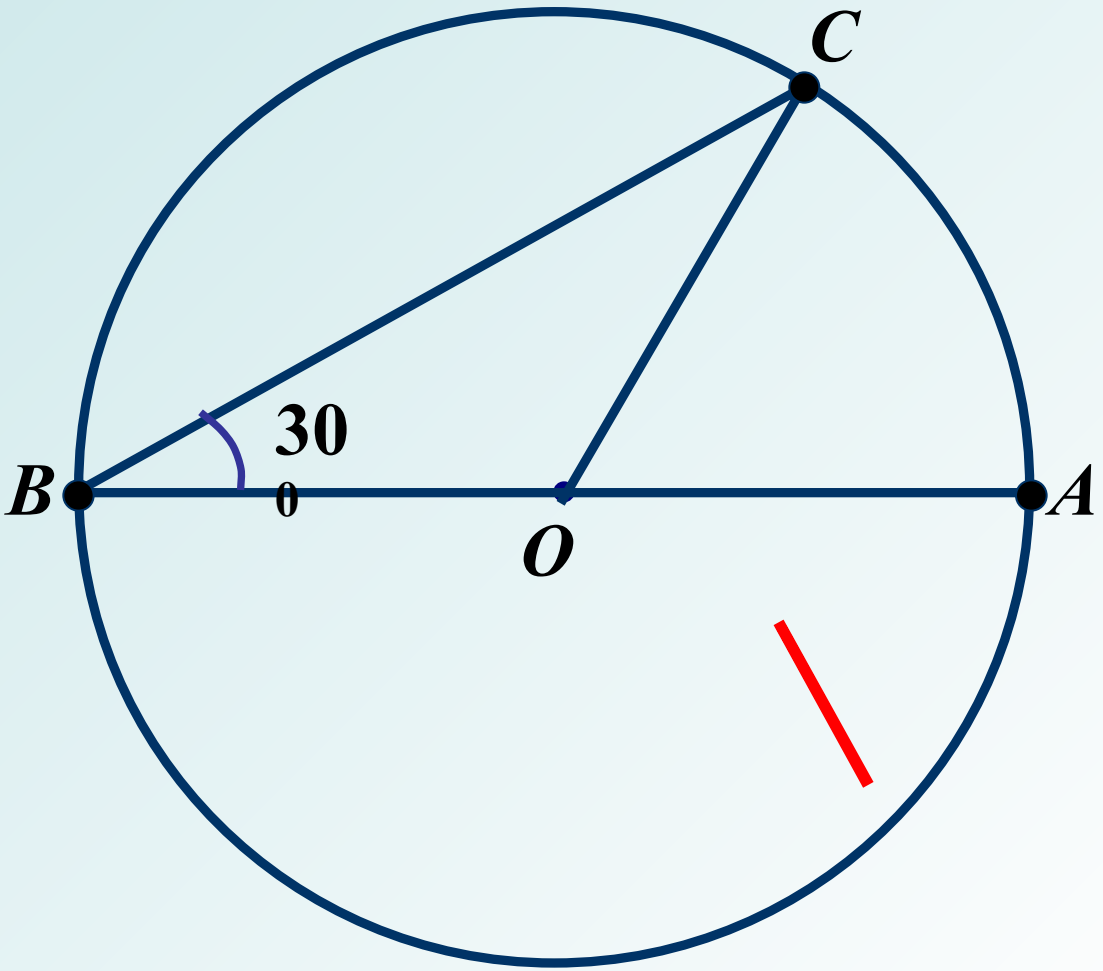
Найти: $\cup ME$, $\cup NK$, $\cup EK$



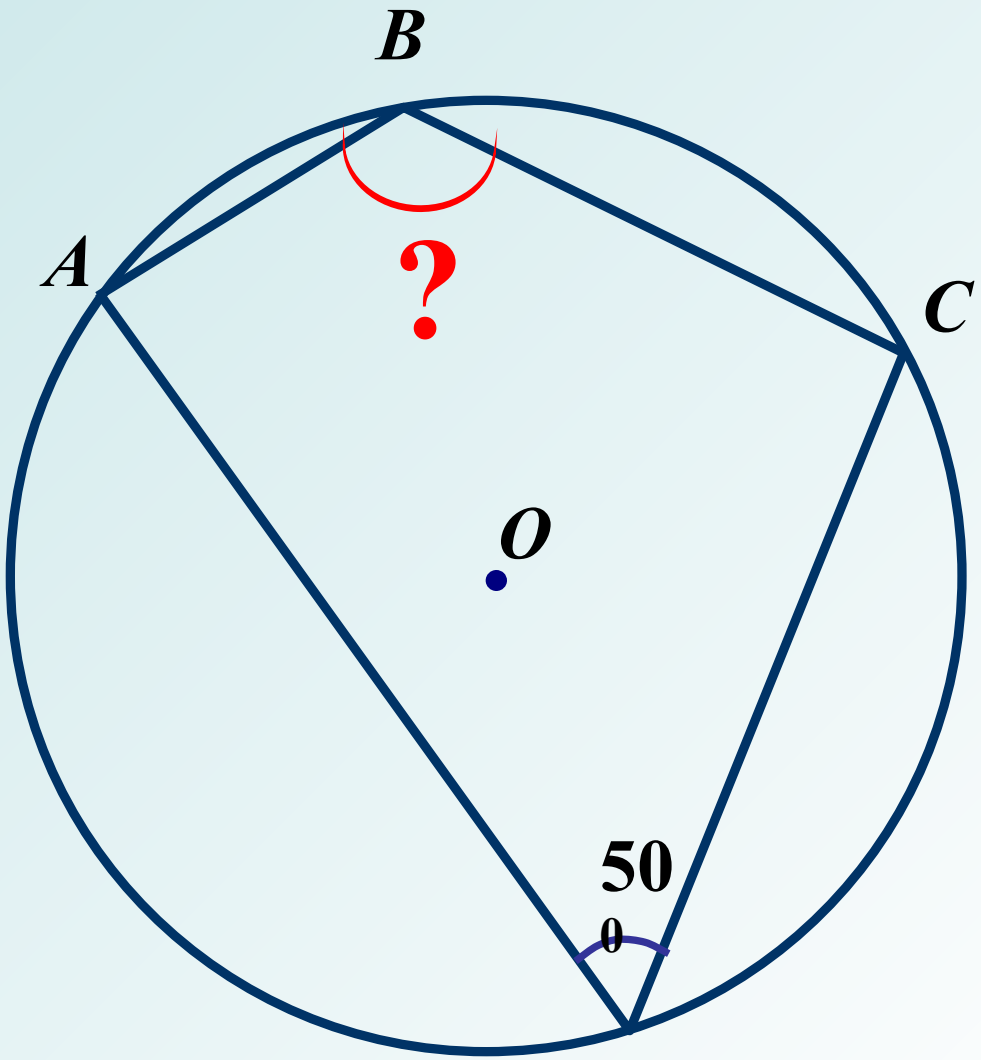
9.

Дано: $\text{Окр.}(O;R)$

Найти: $\cup AC$



10.

Дано: $\text{Окр.}(O;R)$

Найти: $\angle ABC$