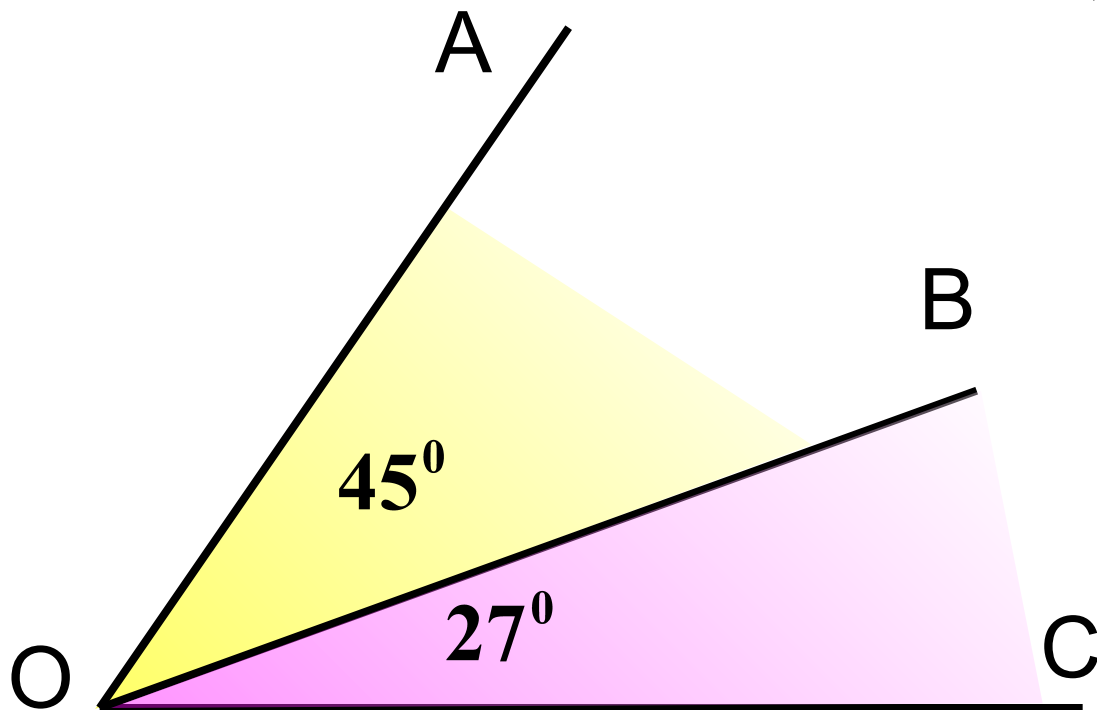




# Смежные и вертикальные углы

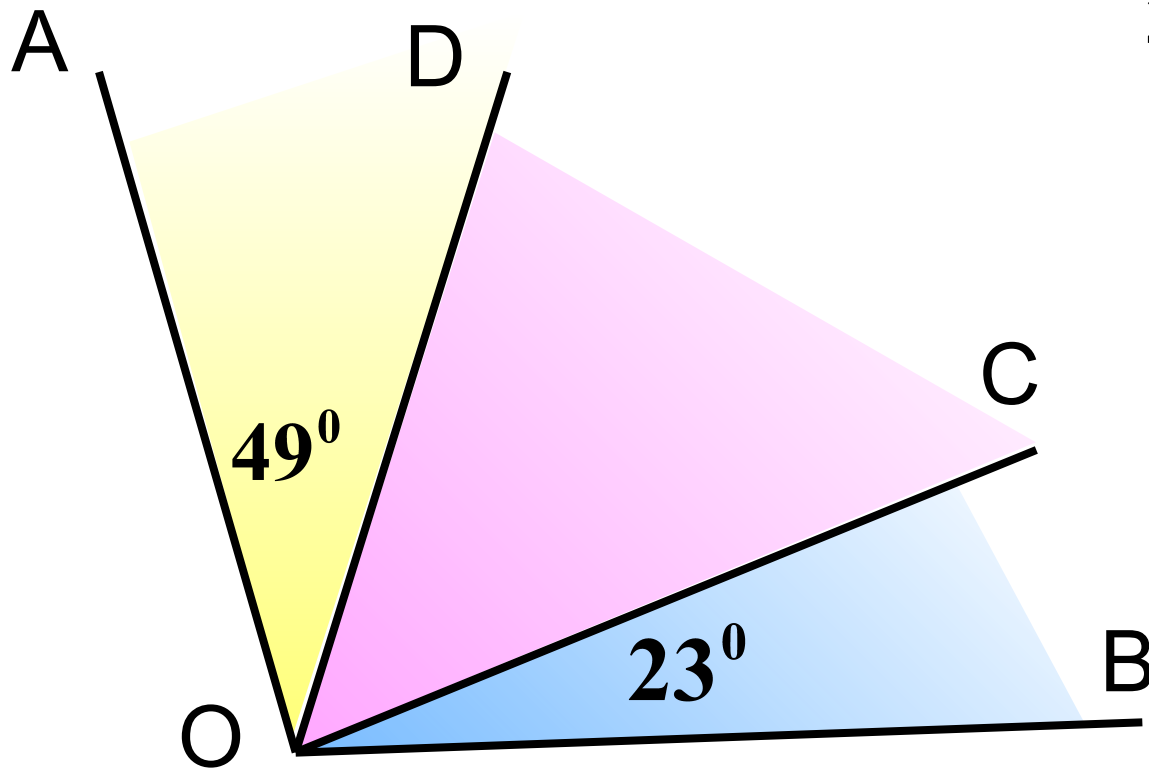
Задача  
1



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Найти:  
 $\angle AOC$

Задача  
2

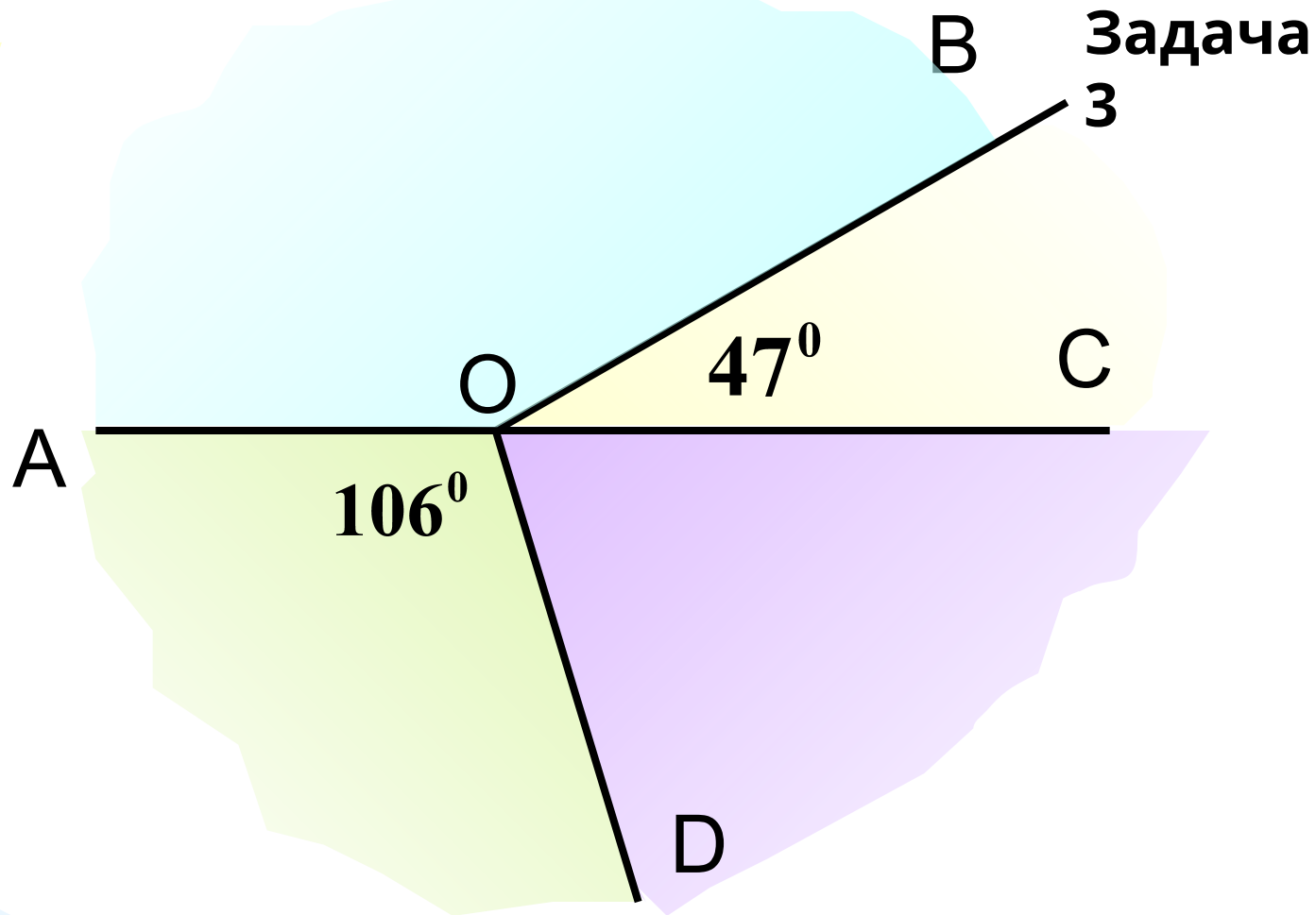


**$\angle AOB = 122^\circ$**

---

**Найти  $\angle COD$**

**:**

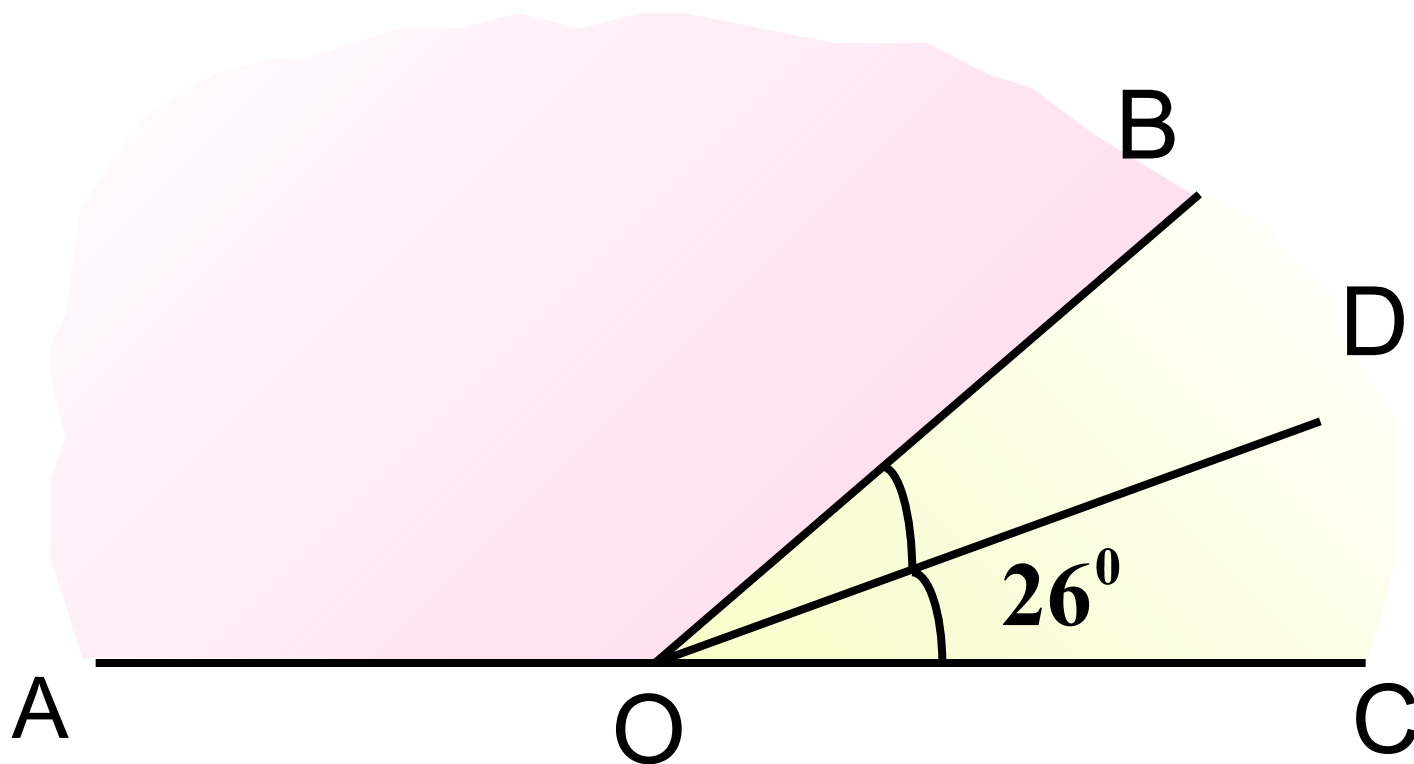


Задача  
3

---

Найти:  $\angle AOB$ ,  
 $\angle DOC$

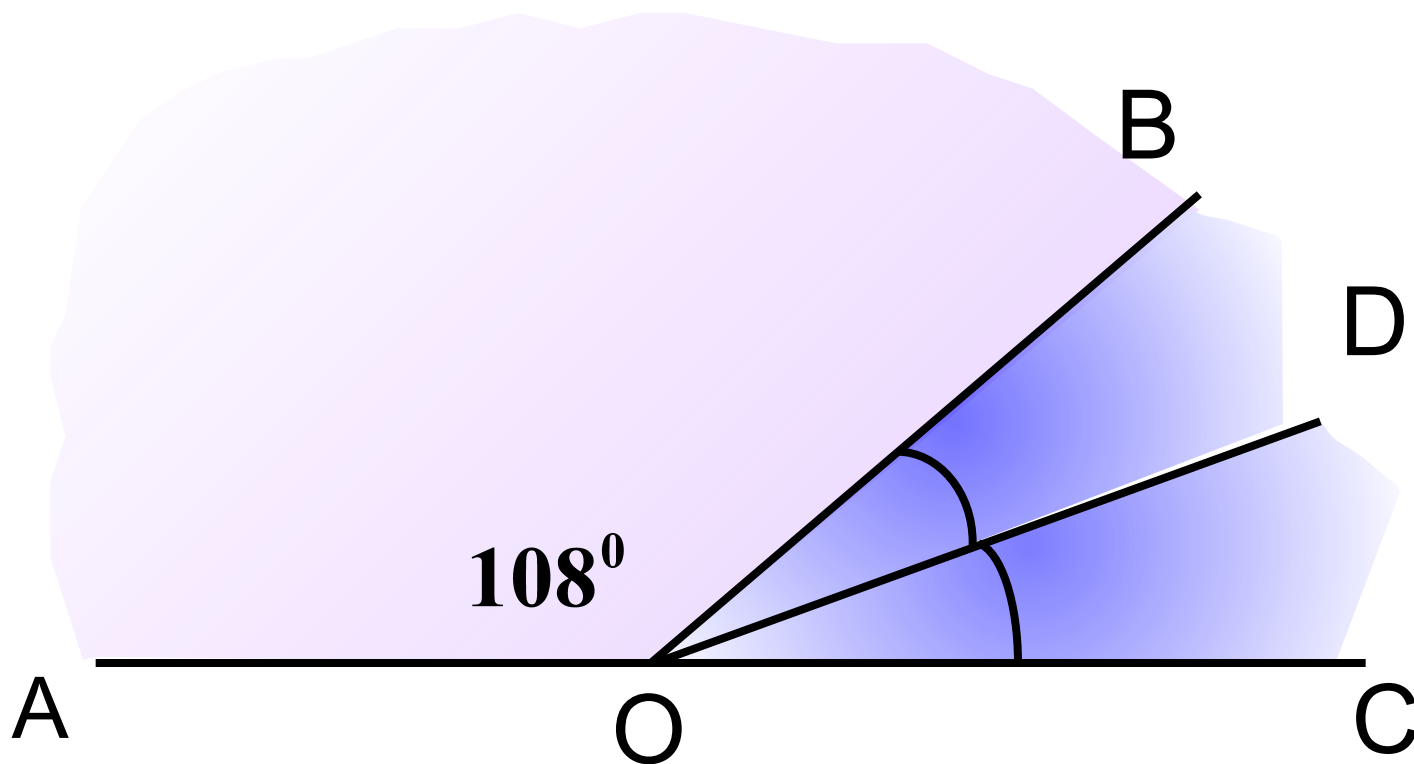
Задача  
4



---

Найти:  
 $\angle AOB$

Задача  
5

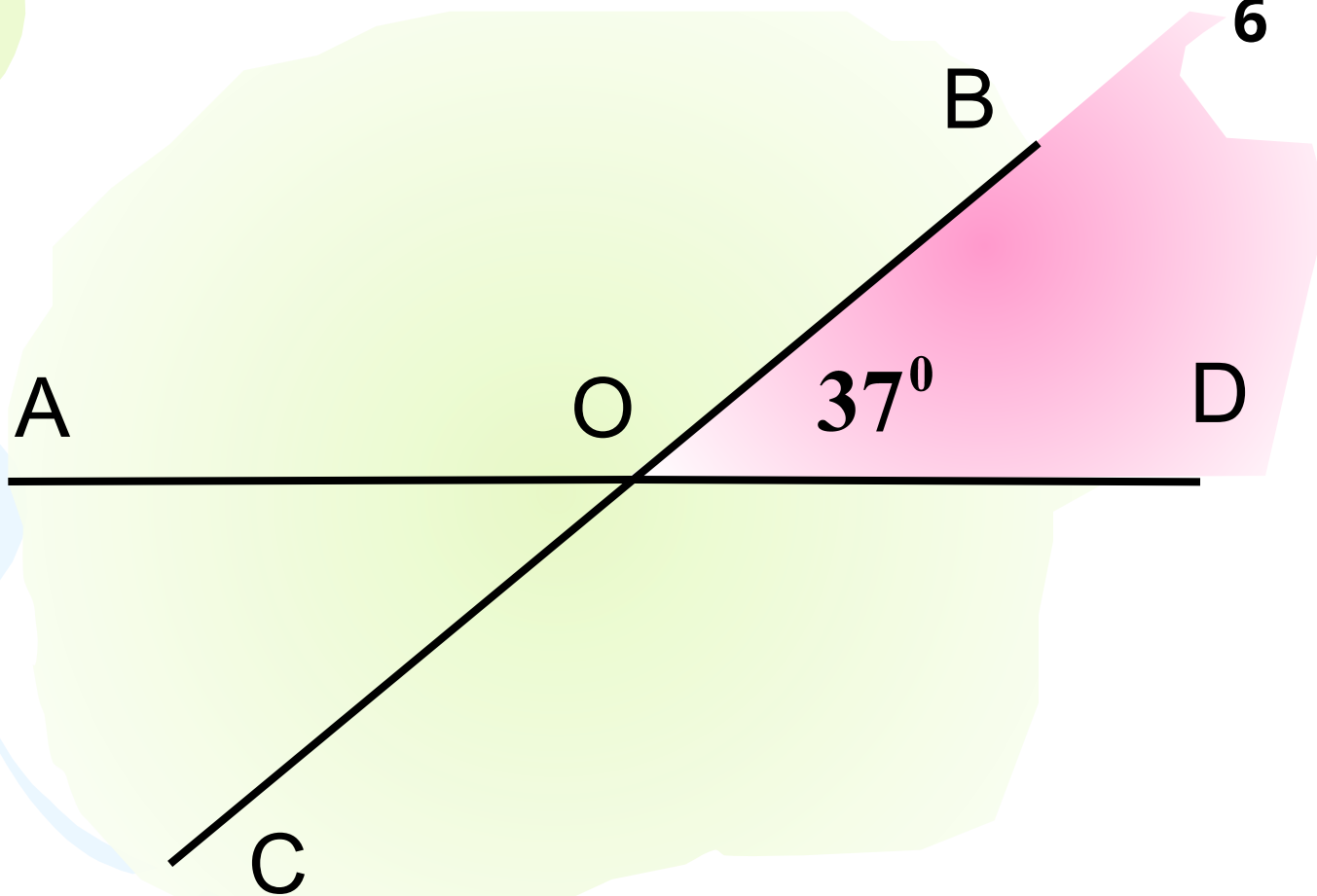


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Найти  $\angle AOD$

:

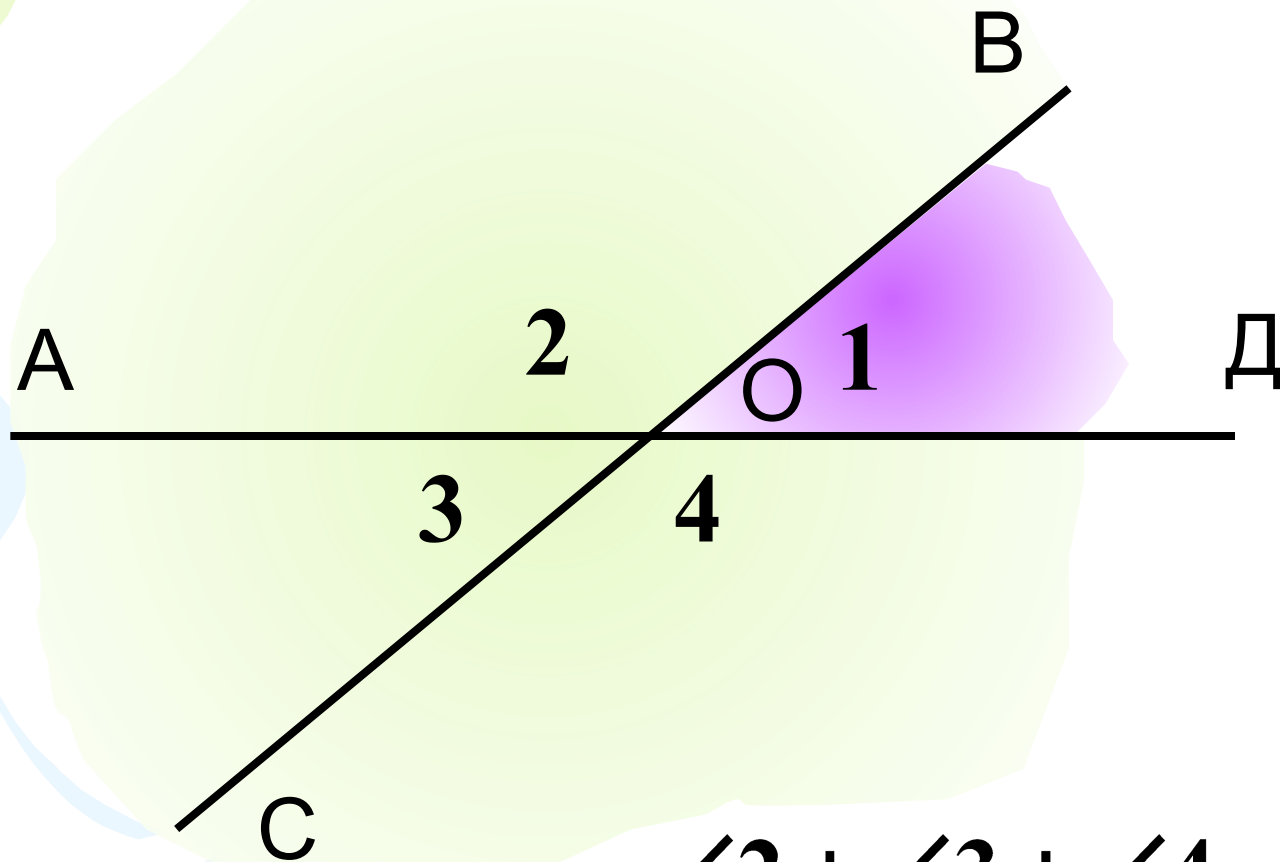
Задача  
6



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Найти  $\angle AOB$ ;  $\angle AOC$ ;  
:  $\angle COD$

Задача  
7



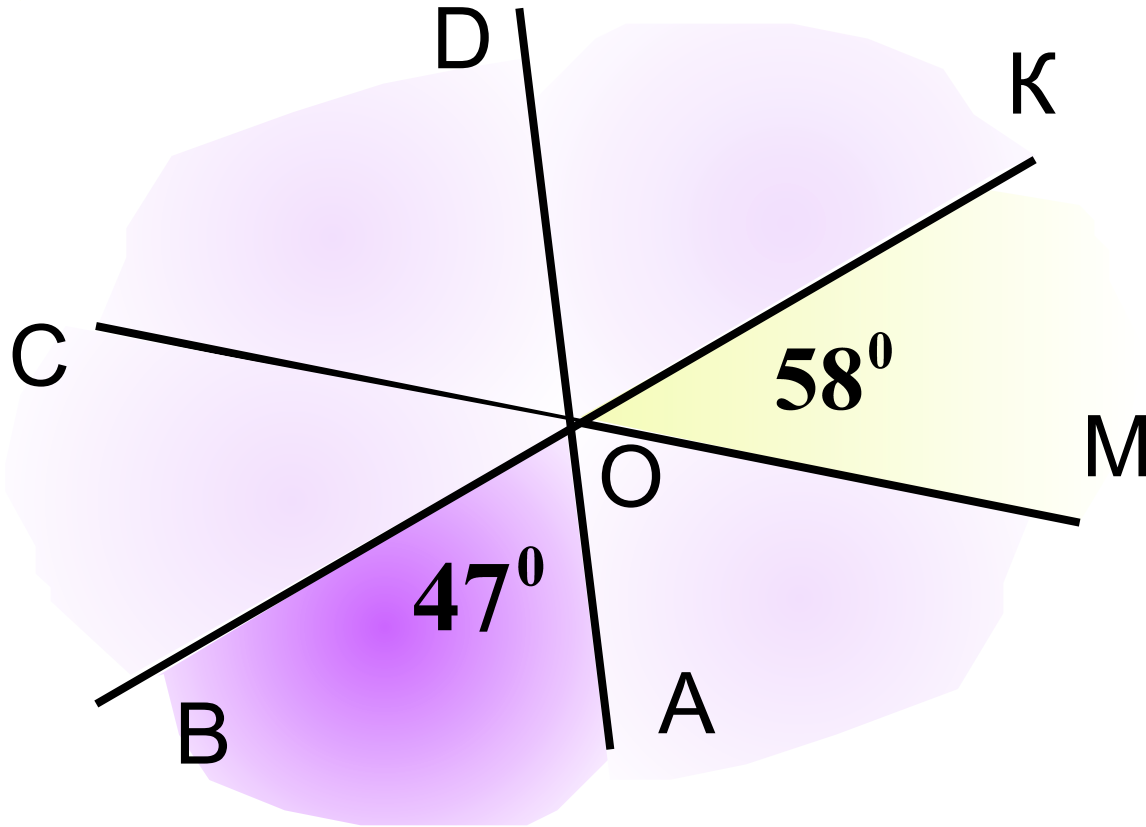
$$\angle 2 + \angle 3 + \angle 4 = 216^\circ$$

---

Найти  $\angle 1$ ,  $\angle 2$ ,  $\angle 3$ ,  $\angle 4$   
:



Задача  
8

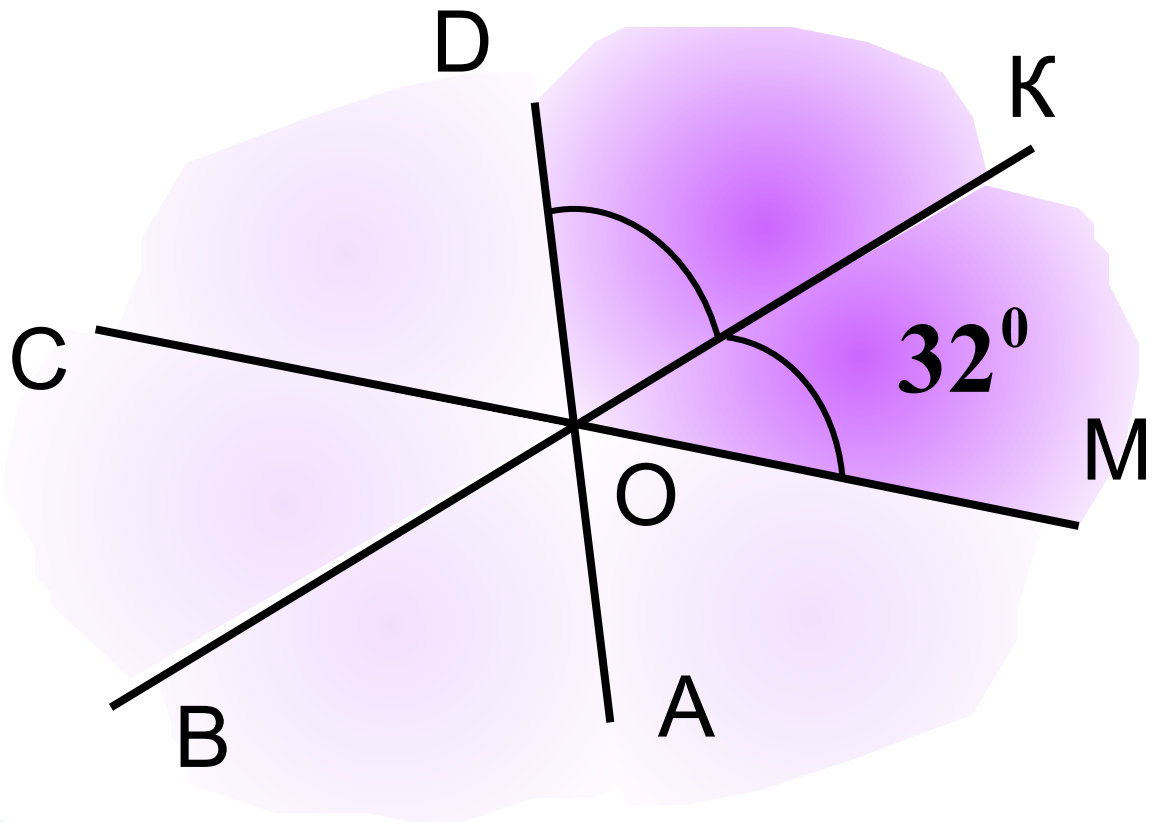


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Найти  $\angle AOC; \angle COK$

:

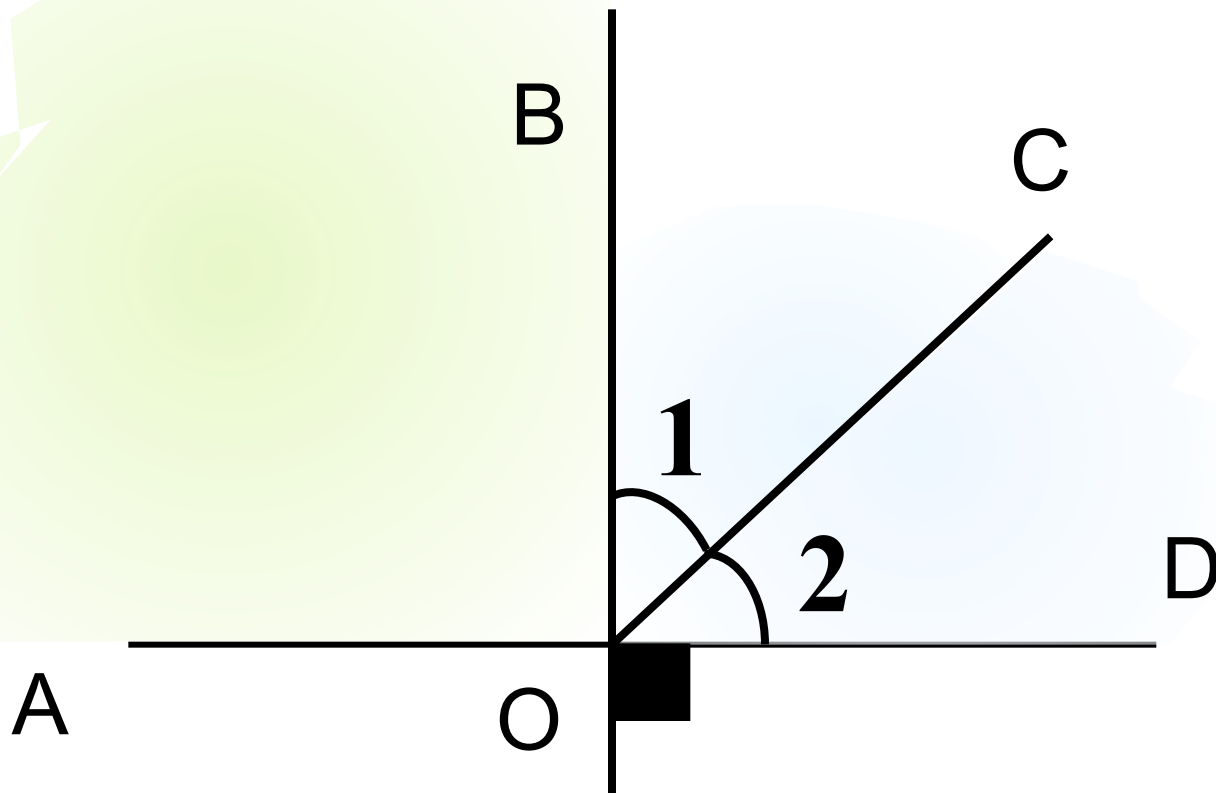
Задача  
9



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Найти  $\angle AOB; \angle BOD$   
:

Задача  
10

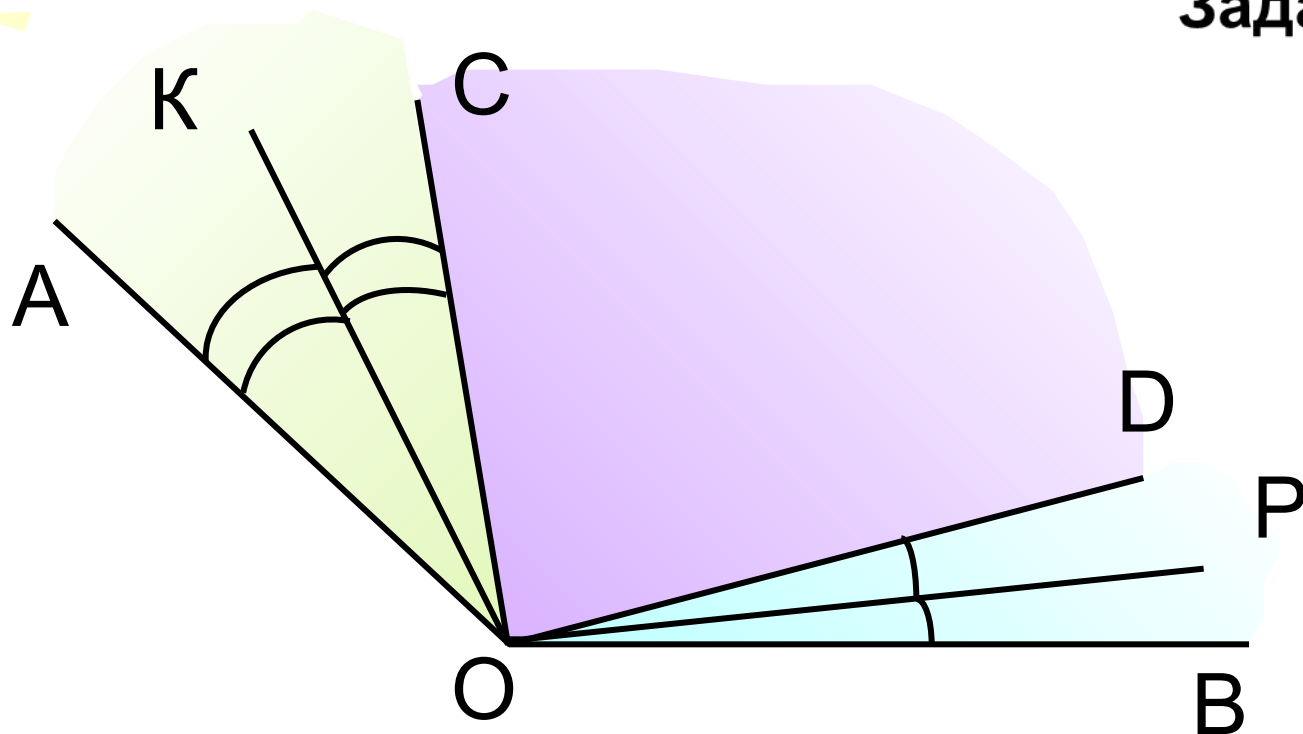


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Найти  $\angle AOC$

:

Задача 11\*



$$\underline{\angle AOB = 156^{\circ}; \angle COD = 88^{\circ}}$$

Найдите:  $\angle KOP$