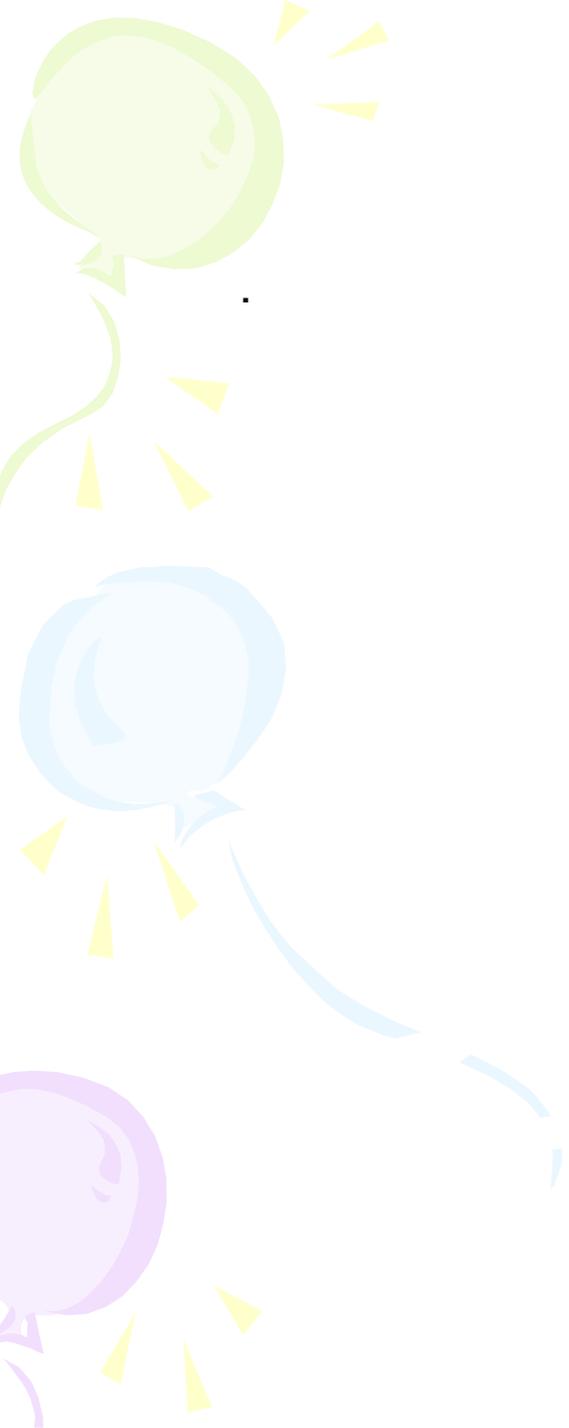
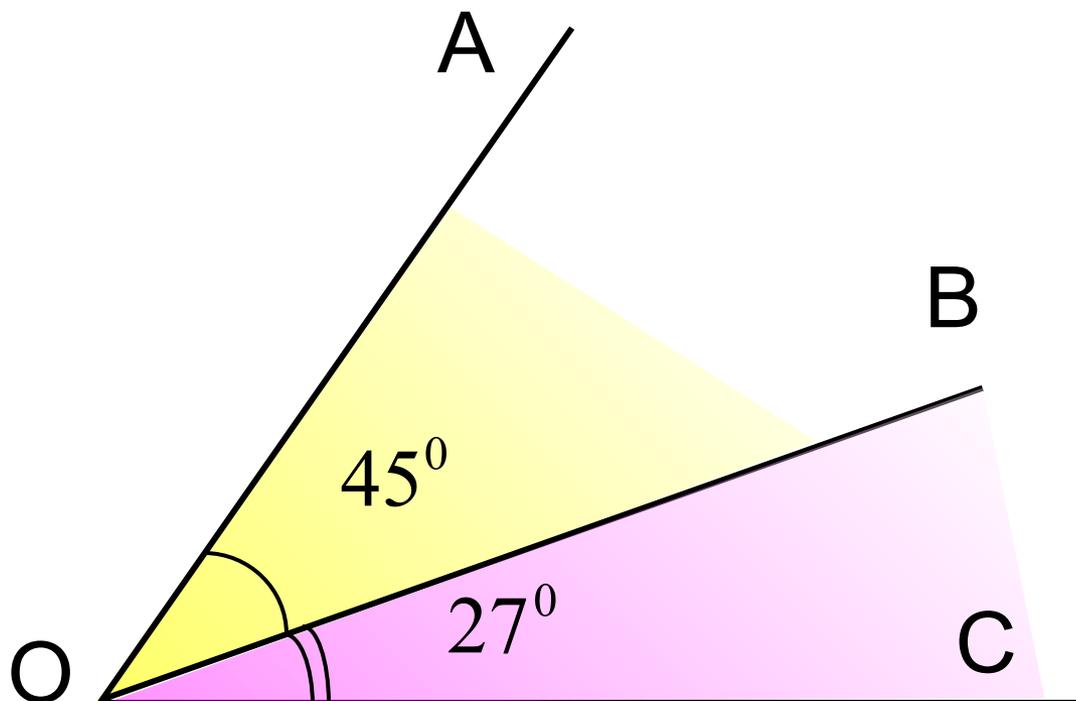
The background features several large, overlapping, colorful swirls in shades of purple, green, and blue. Interspersed among these swirls are numerous small, yellow, triangular shapes that resemble rays of light or confetti.

**Классная работа.  
Начальные  
геометрические  
сведения. Решение  
задач.**



1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21				

*Задача 1*

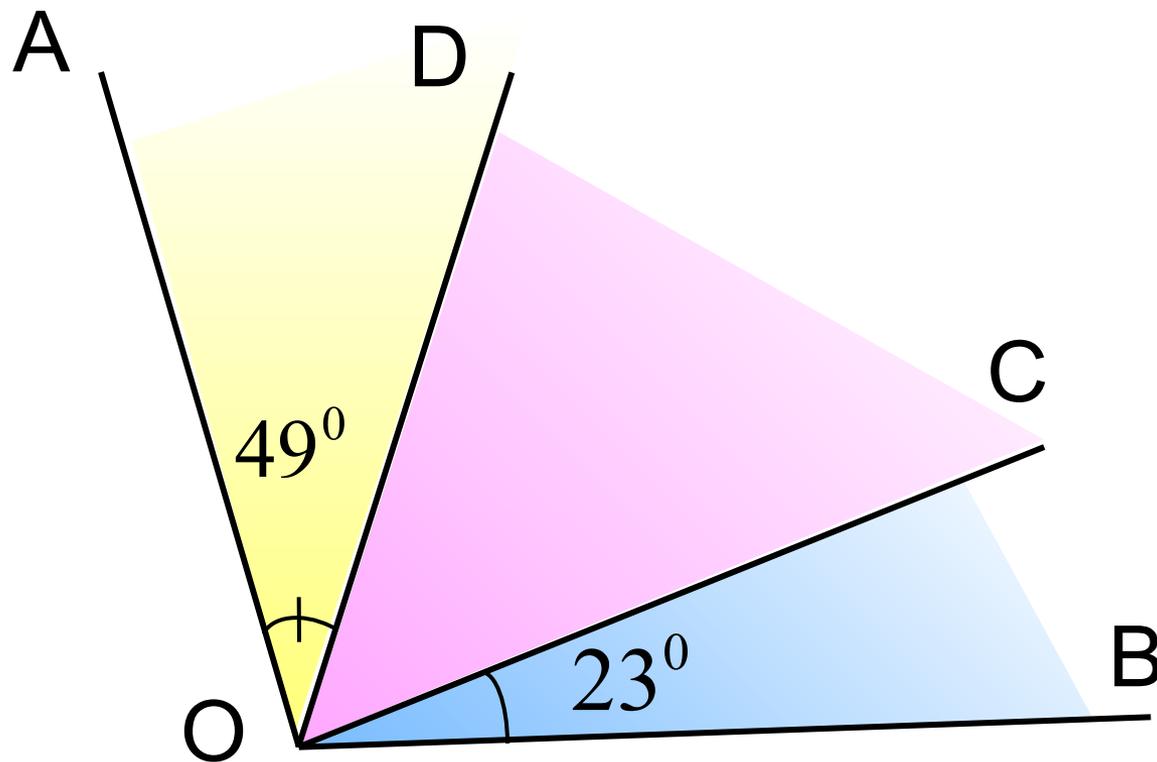


---

$\angle AOC$



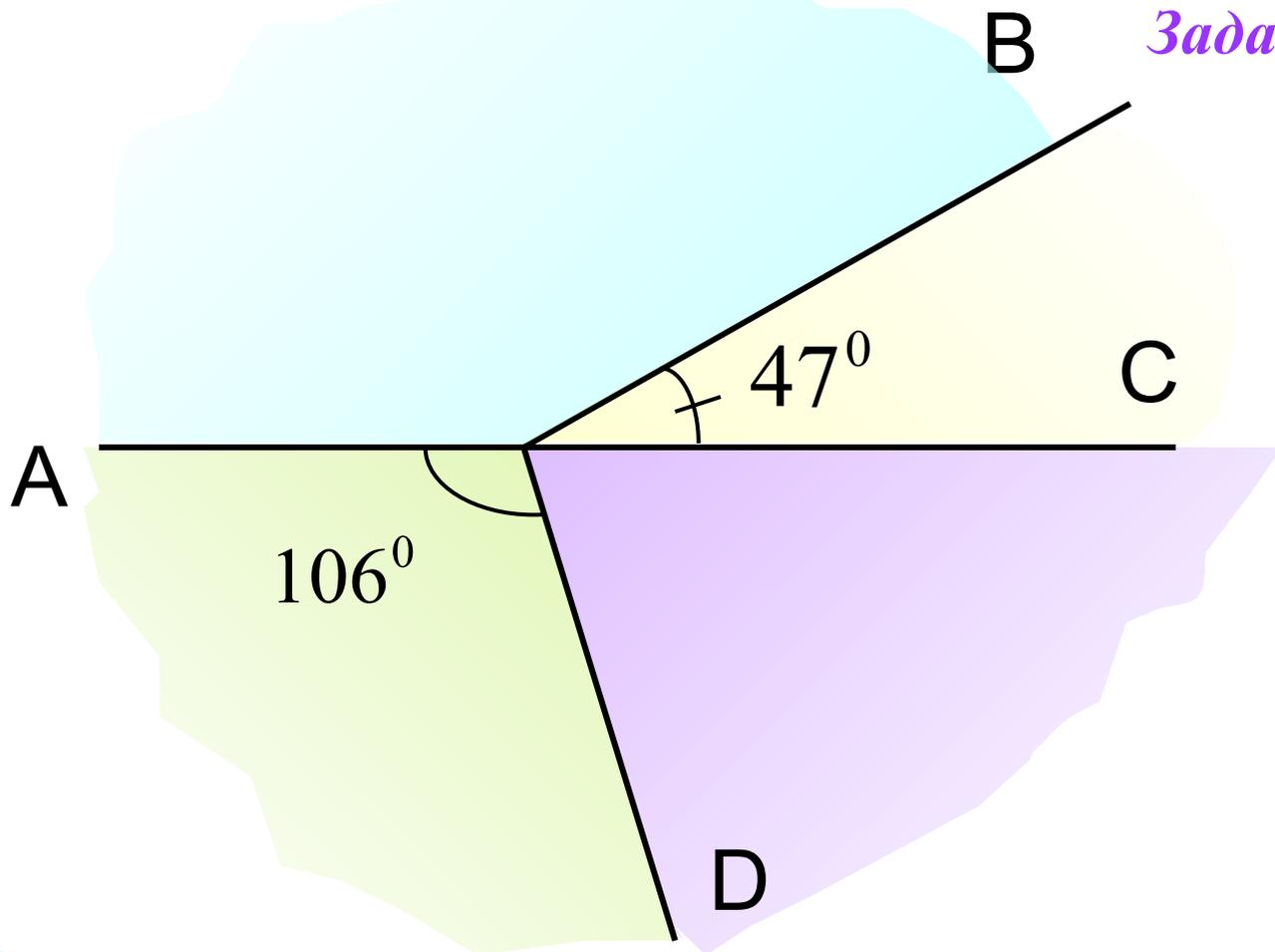
Задача 2



$$\frac{\angle AOB = 122^\circ}{\angle COD}$$



*Задача 3*

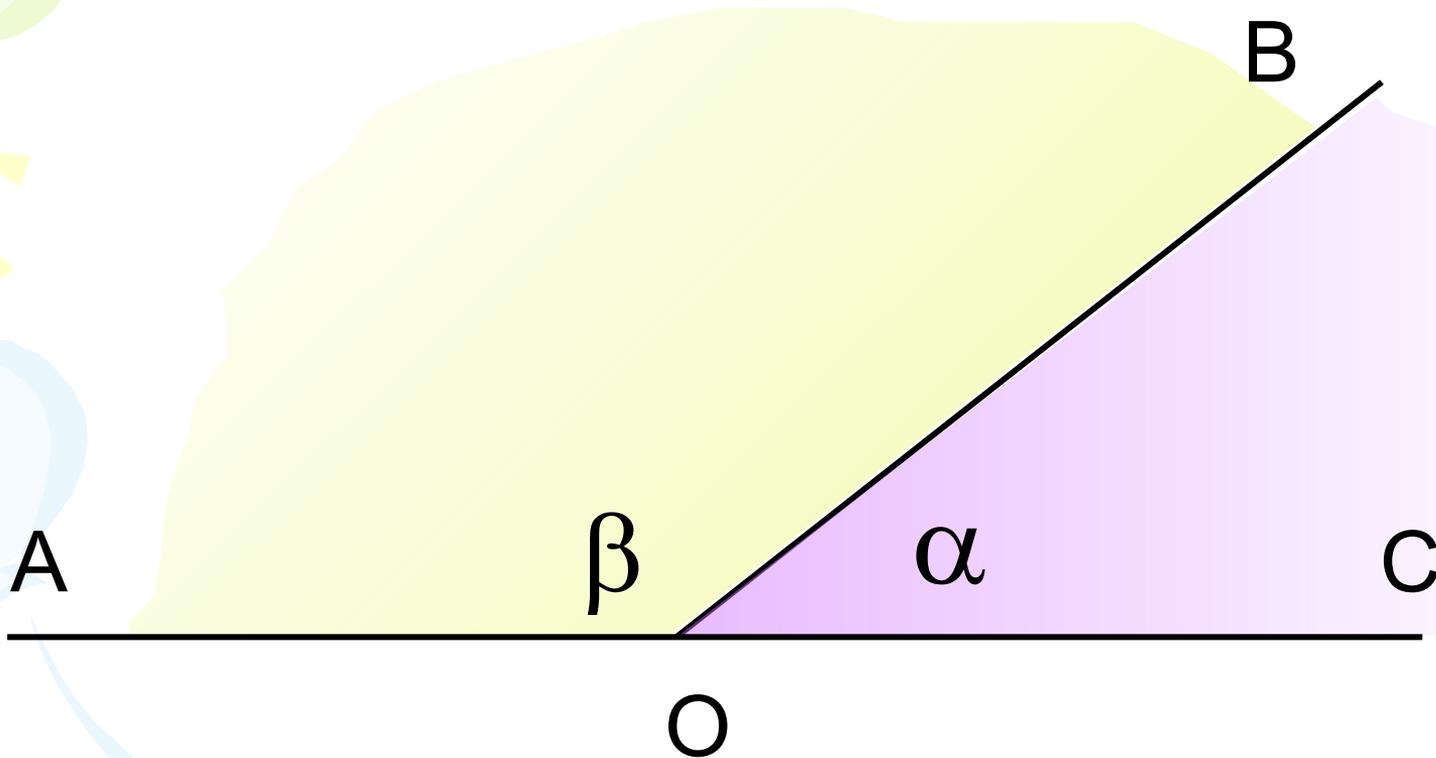


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$\angle \hat{N} \hat{I} \hat{D}$  ;  $\angle \hat{A} \hat{I} \hat{A}$



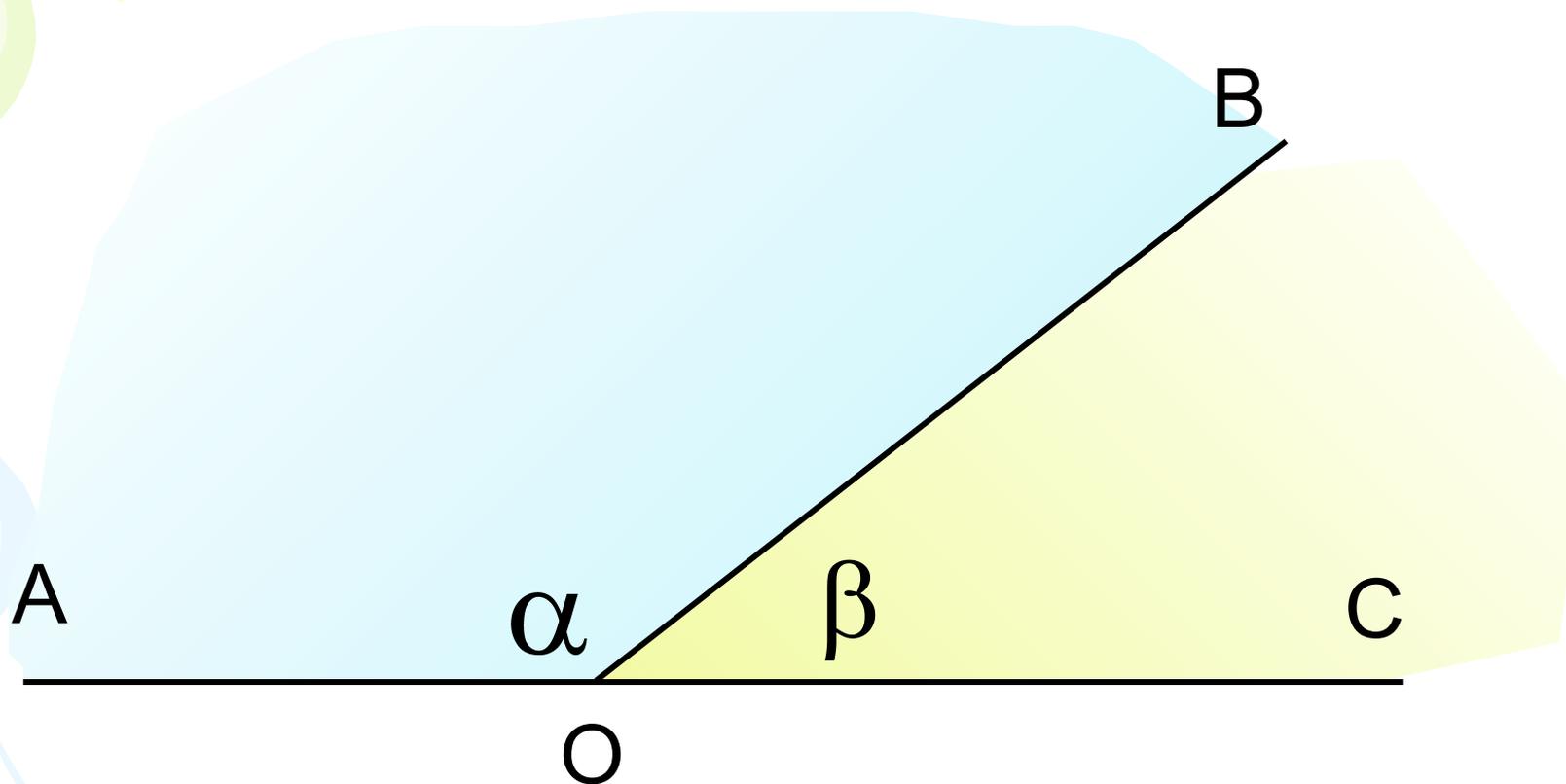
Задача 4



$$\frac{\alpha = \beta + 90^{\circ}}{\alpha - ? \beta - ?}$$



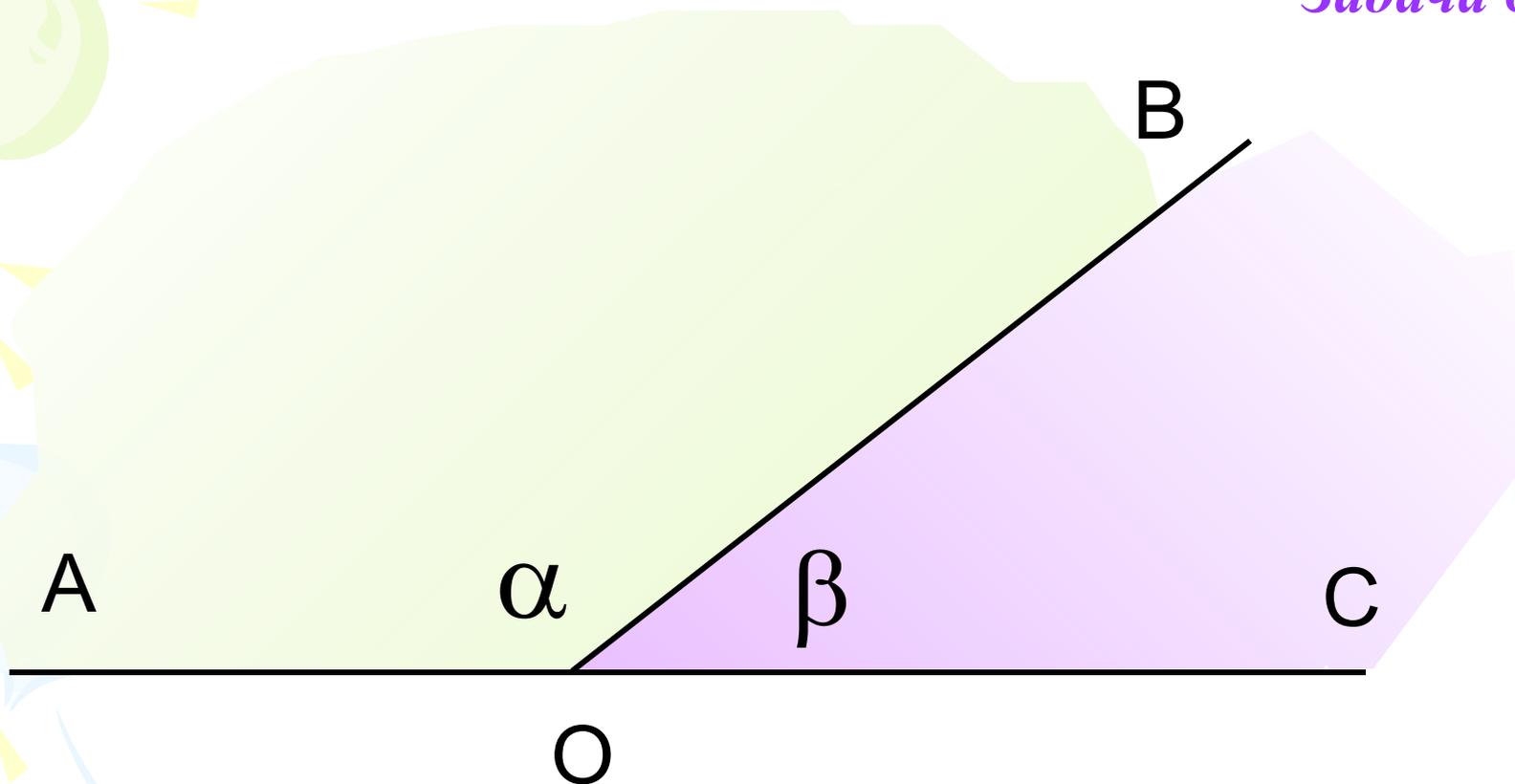
Задача 5



$$\begin{array}{r} \alpha - \beta = 30^{\circ} \\ \hline \alpha - ? \quad \beta - ? \end{array}$$



*Задача 6*



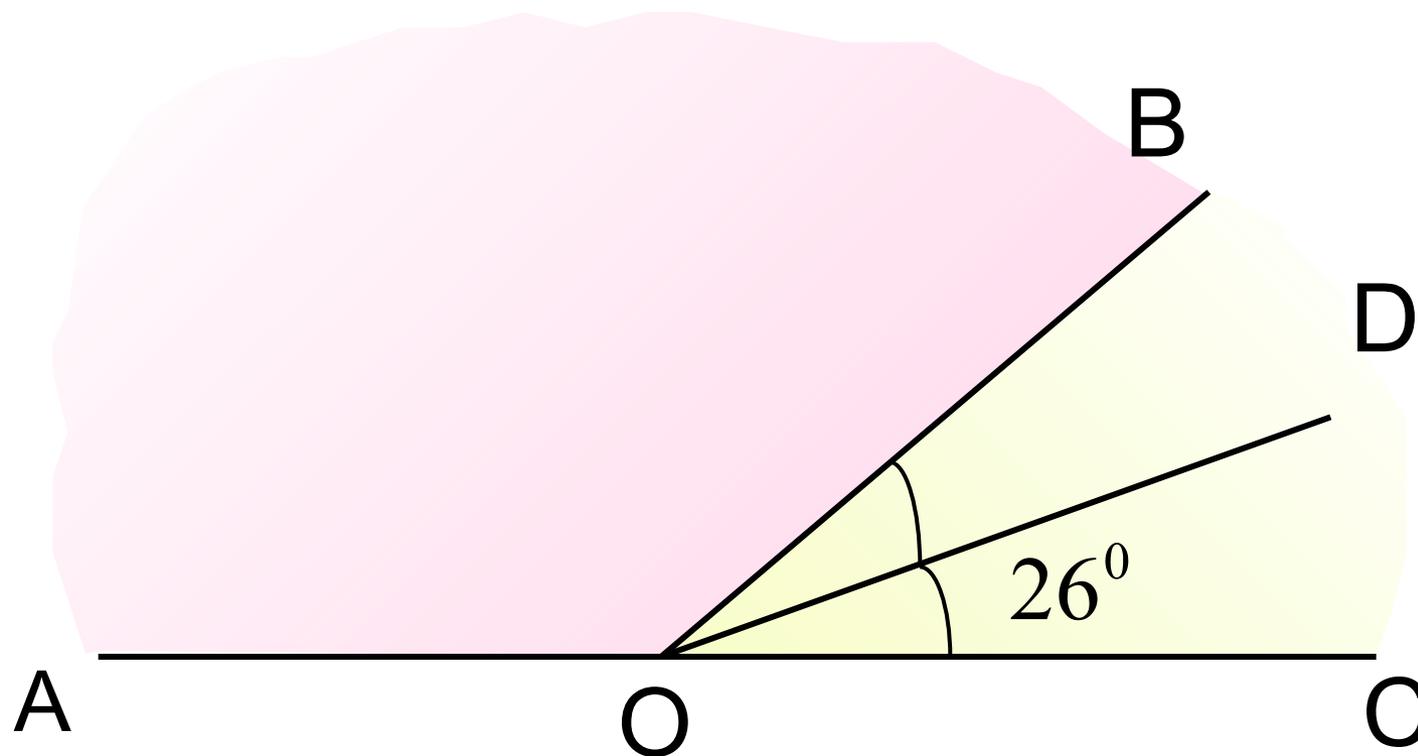
$$\alpha : \beta = 5 : 1$$

---

$$\alpha - ? \quad \beta - ?$$



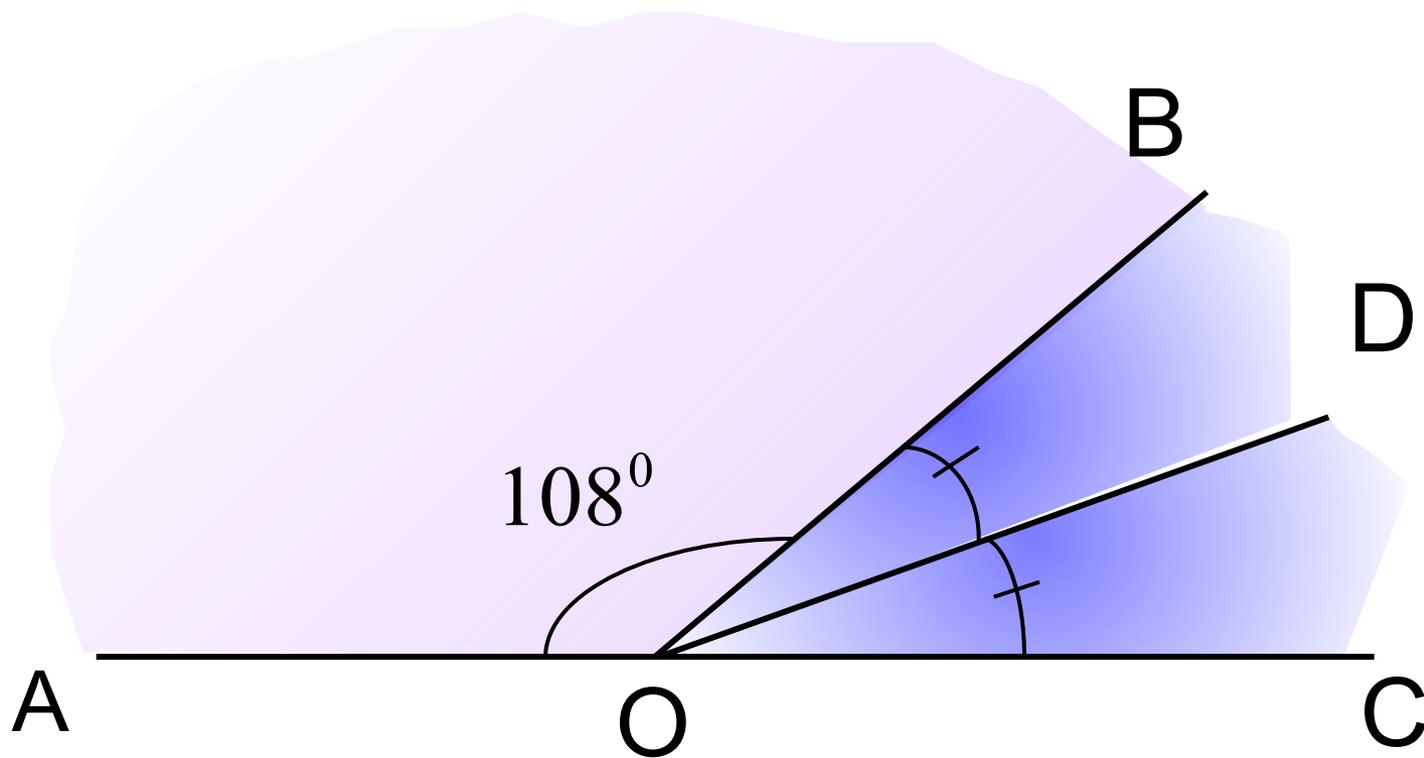
*Задача 7*



$\overline{\angle A\hat{O}D}$



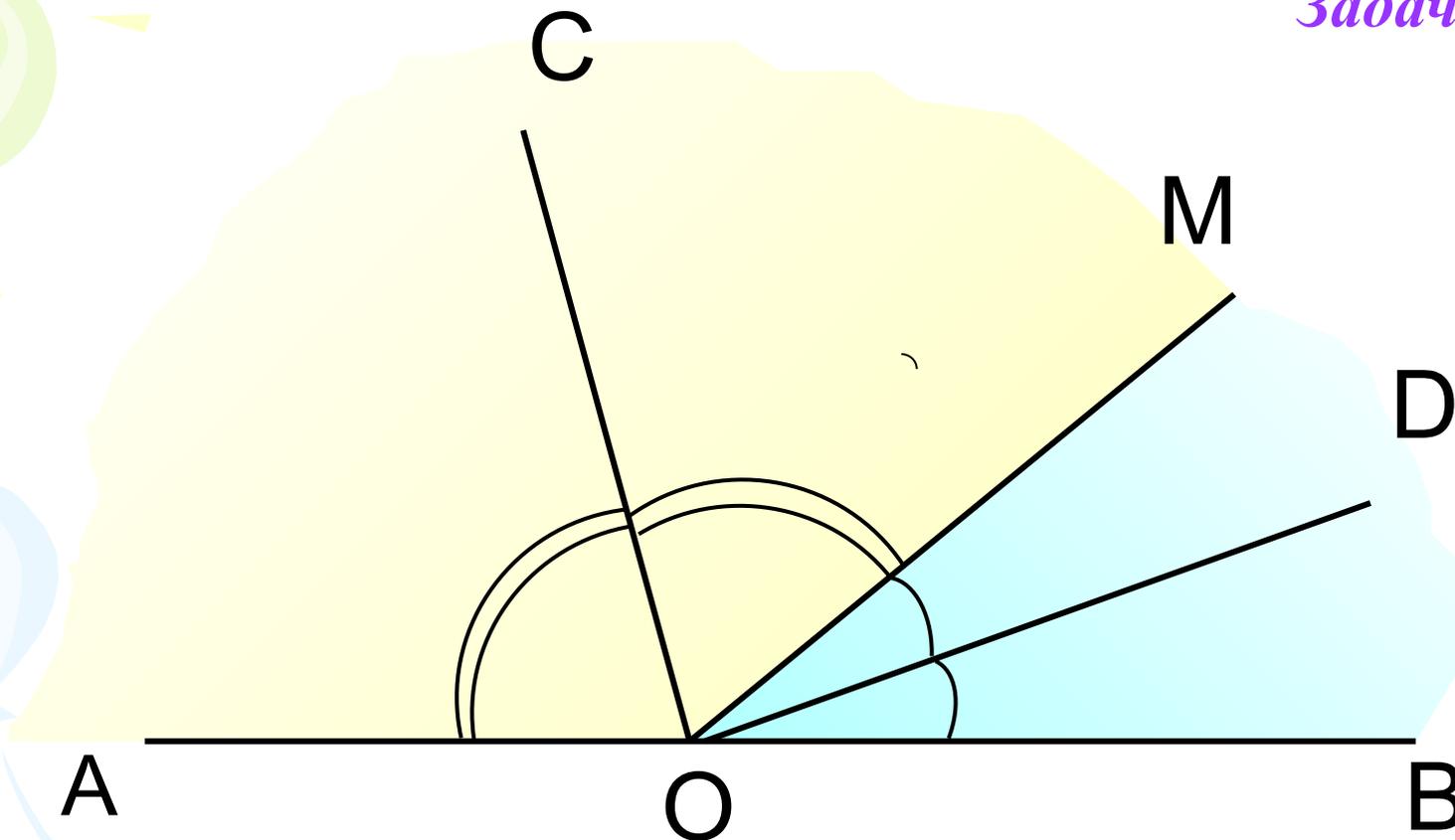
Задача 8



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$\angle AOD$

*Задача 9*

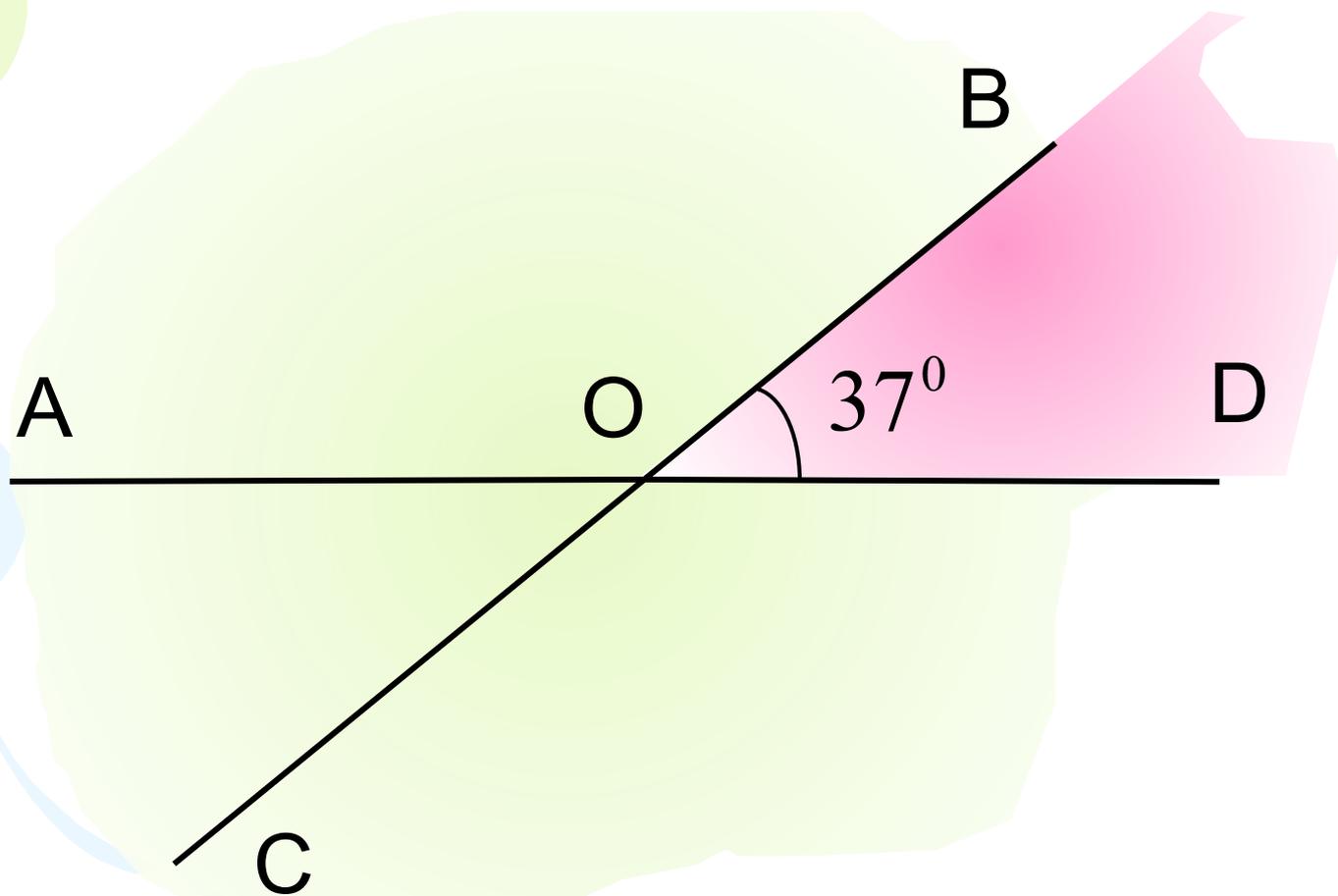


\_\_\_\_\_

$\angle COD$



*Задача 10*

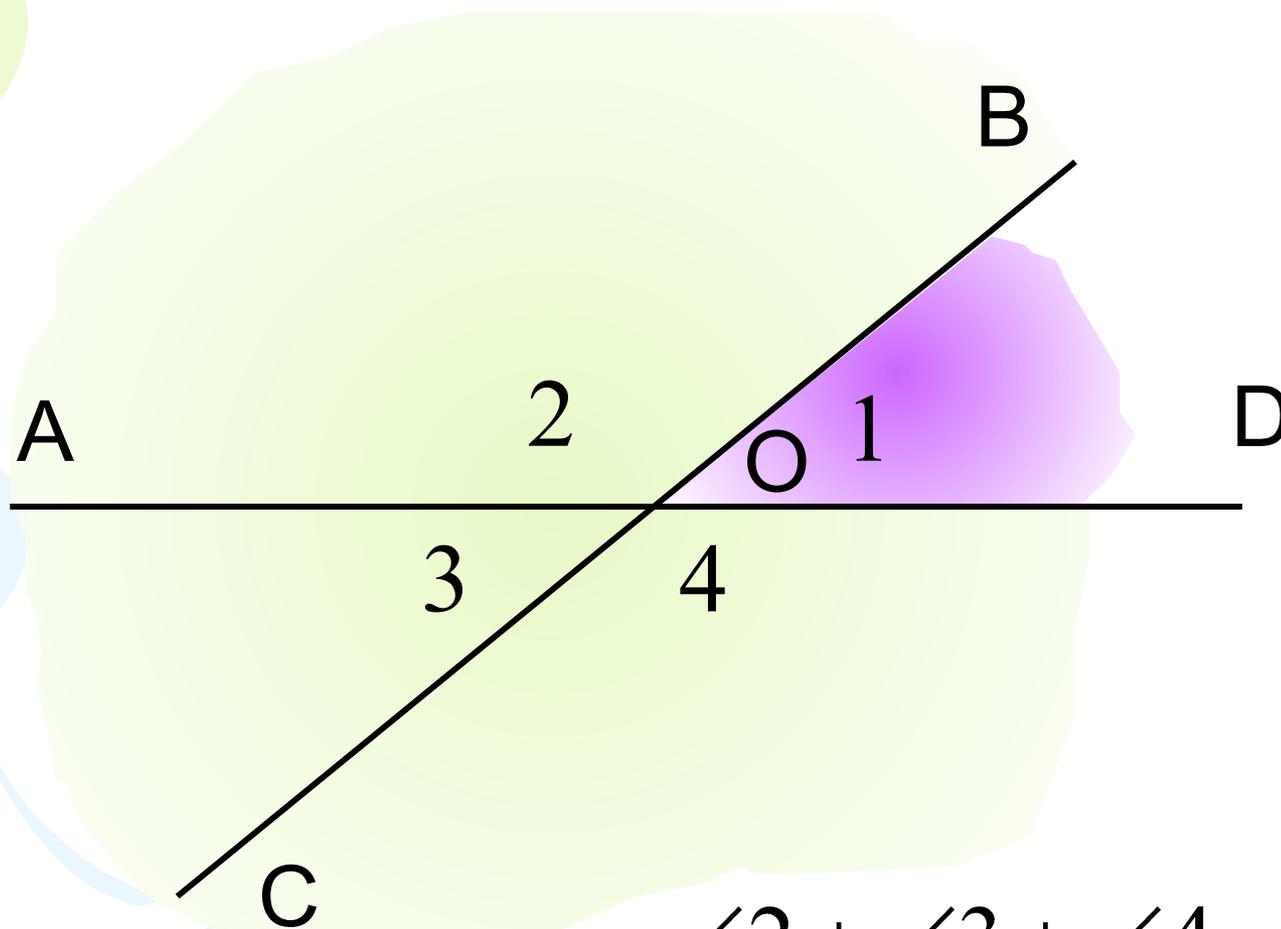


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$\angle AOB; \angle AOC; \angle COD$



Задача 11



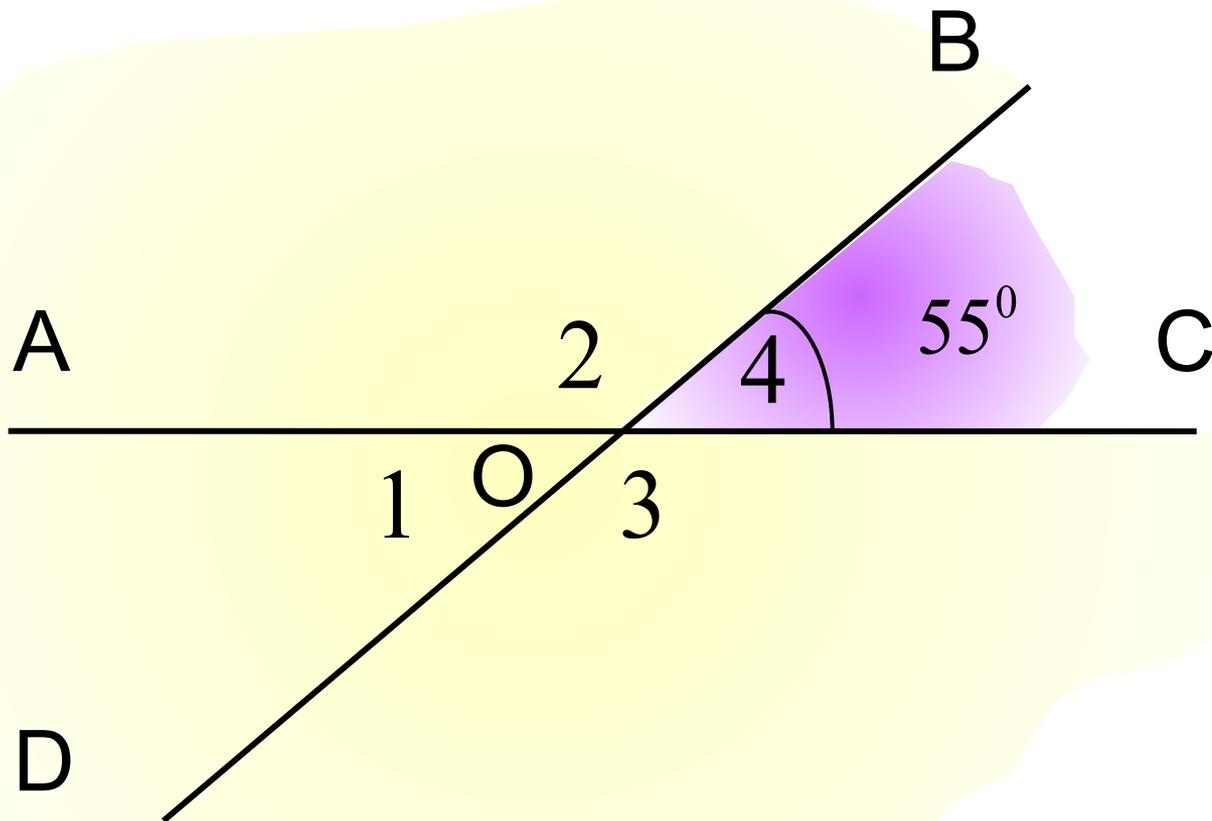
$$\angle 2 + \angle 3 + \angle 4 = 216^{\circ}$$

---

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



*Задача 12*

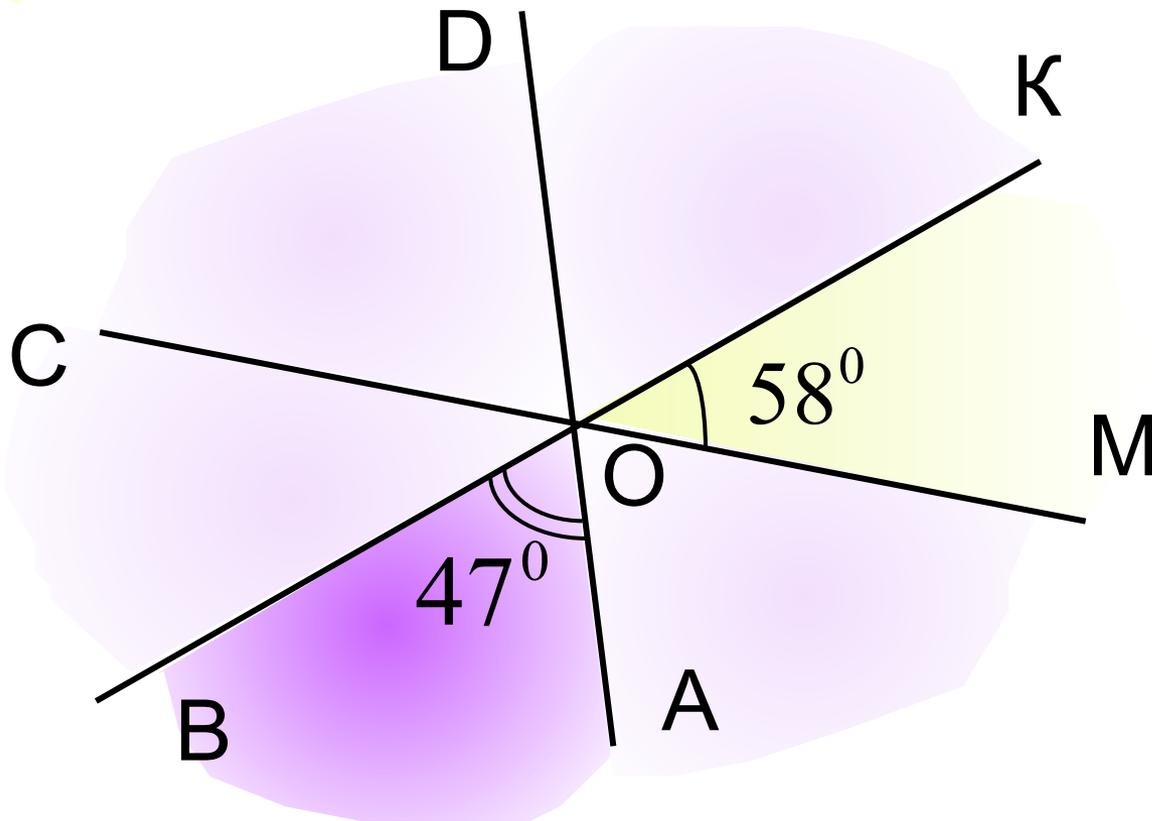


---

$$\angle 1 + \angle 2 + \angle 3$$



Задача 13

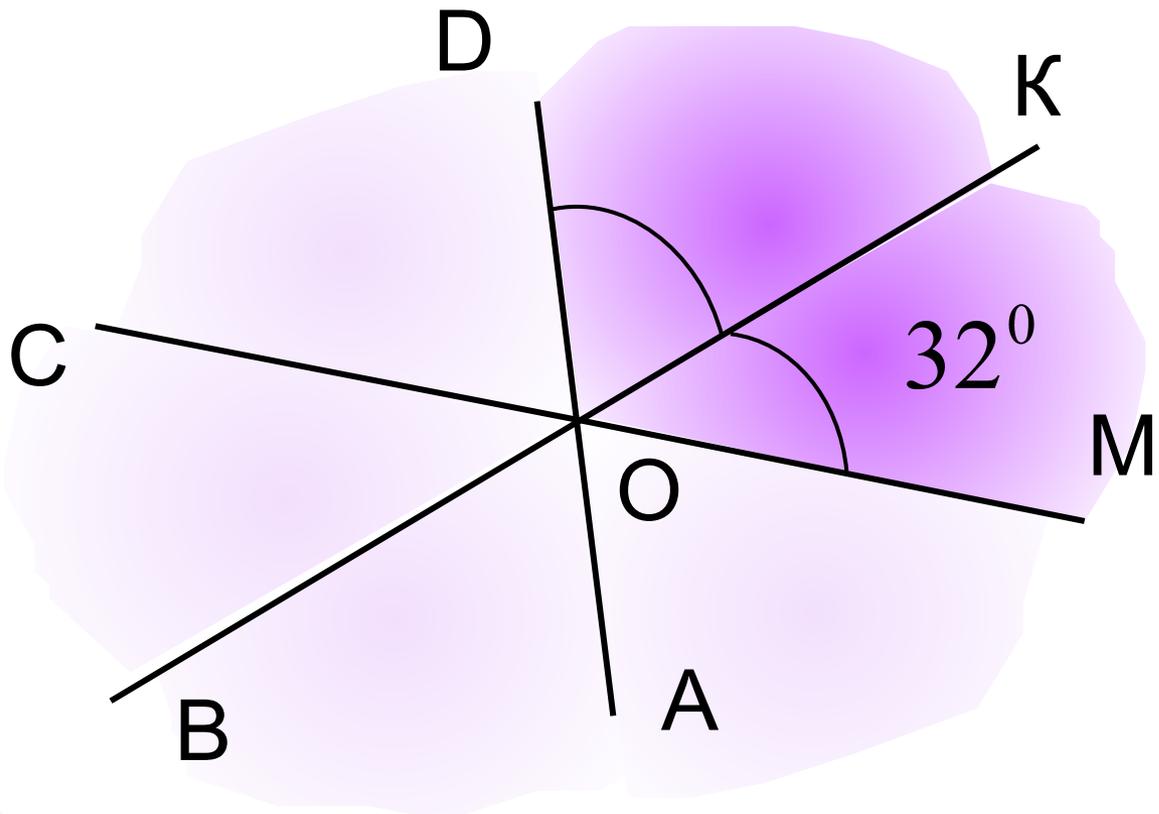


---

$$\angle A\hat{O}B \sim \angle COK$$



Задача 14

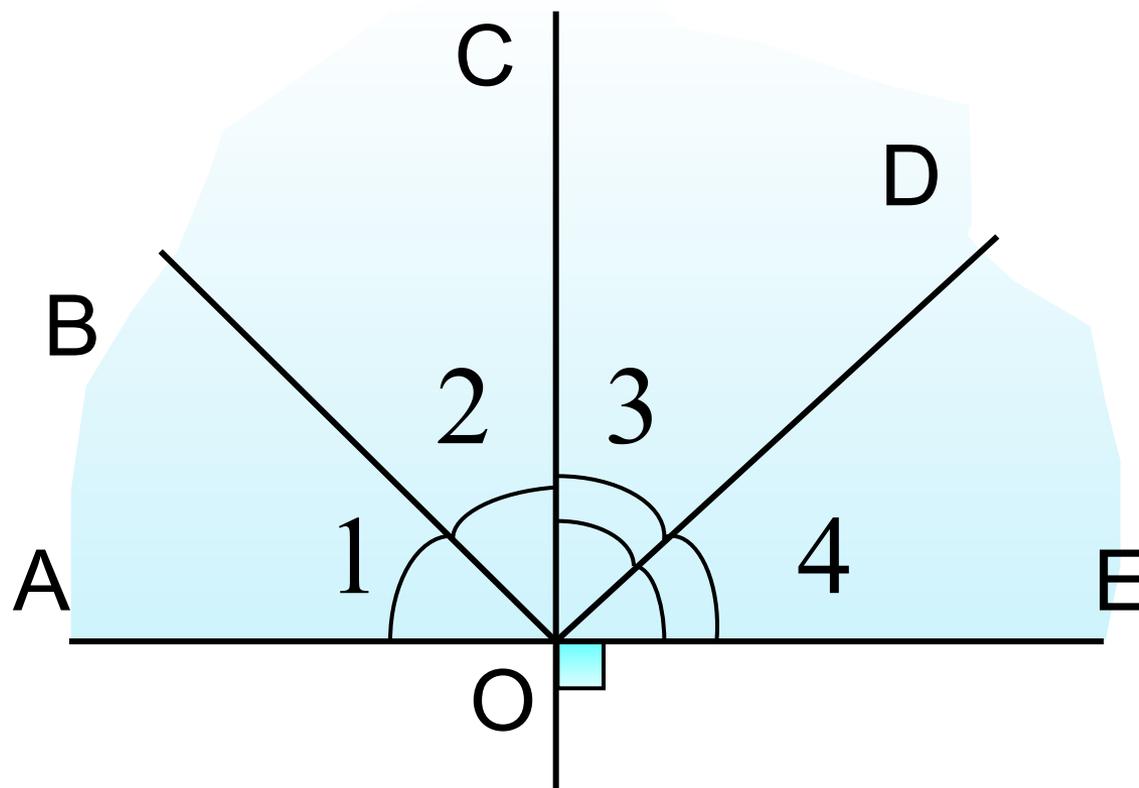


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$\angle AOB ; \angle BOD$



Задача 15



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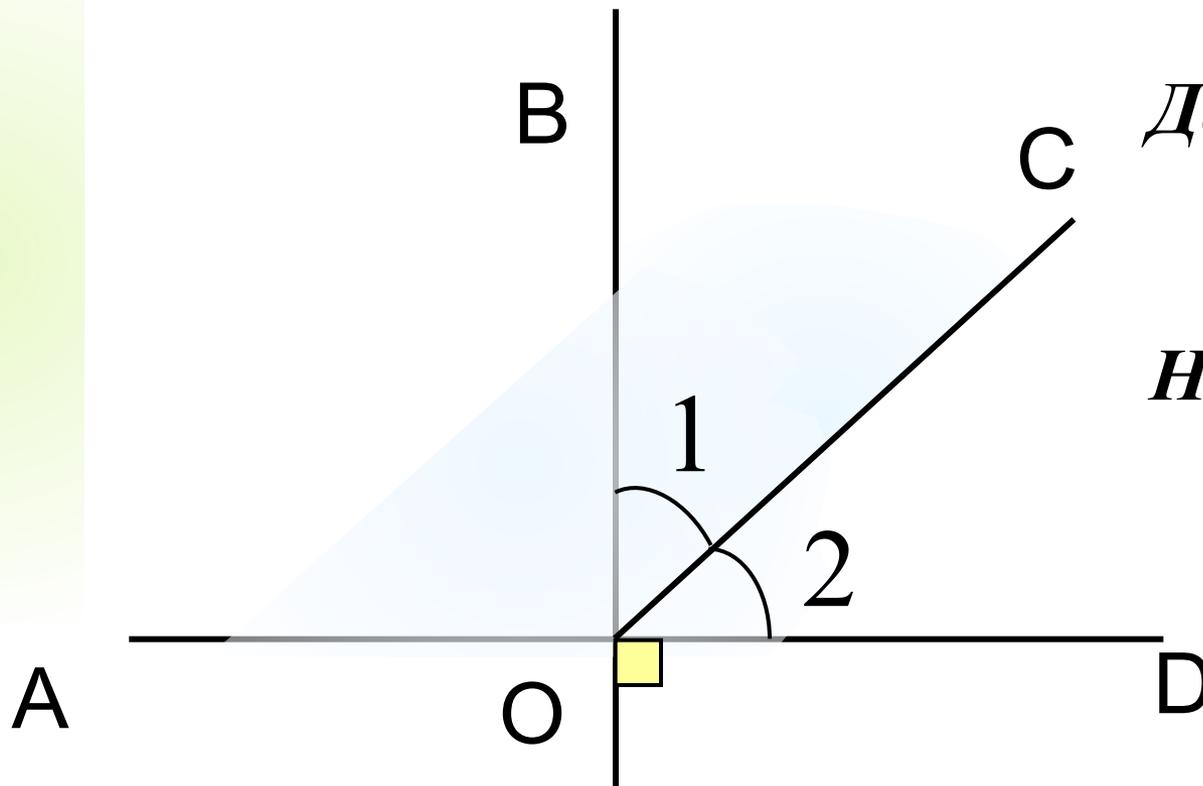
$\angle 1; \angle 4$



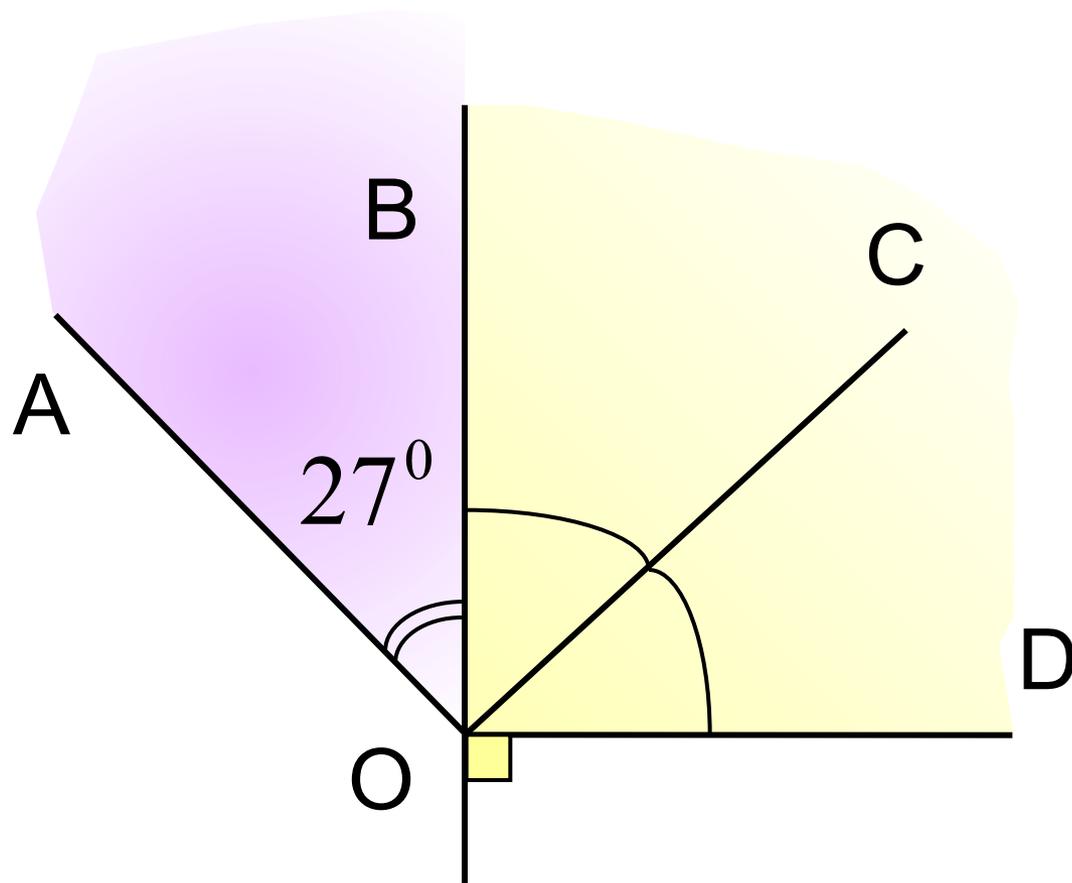
*Задача 16*

*Дано:*

*Найти:*



*Задача 17*

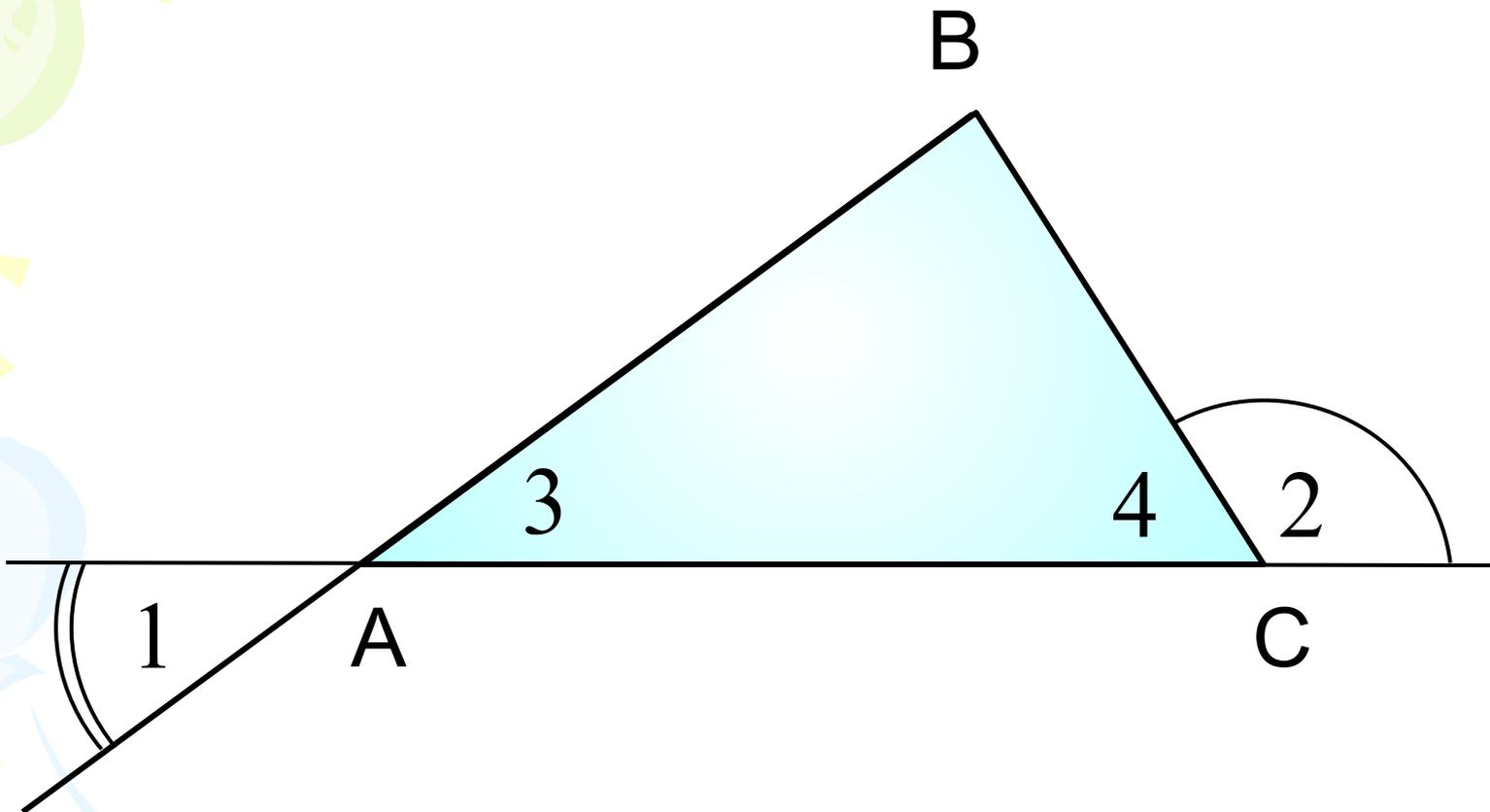


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$\angle A\hat{O}C$



*Задача 18*



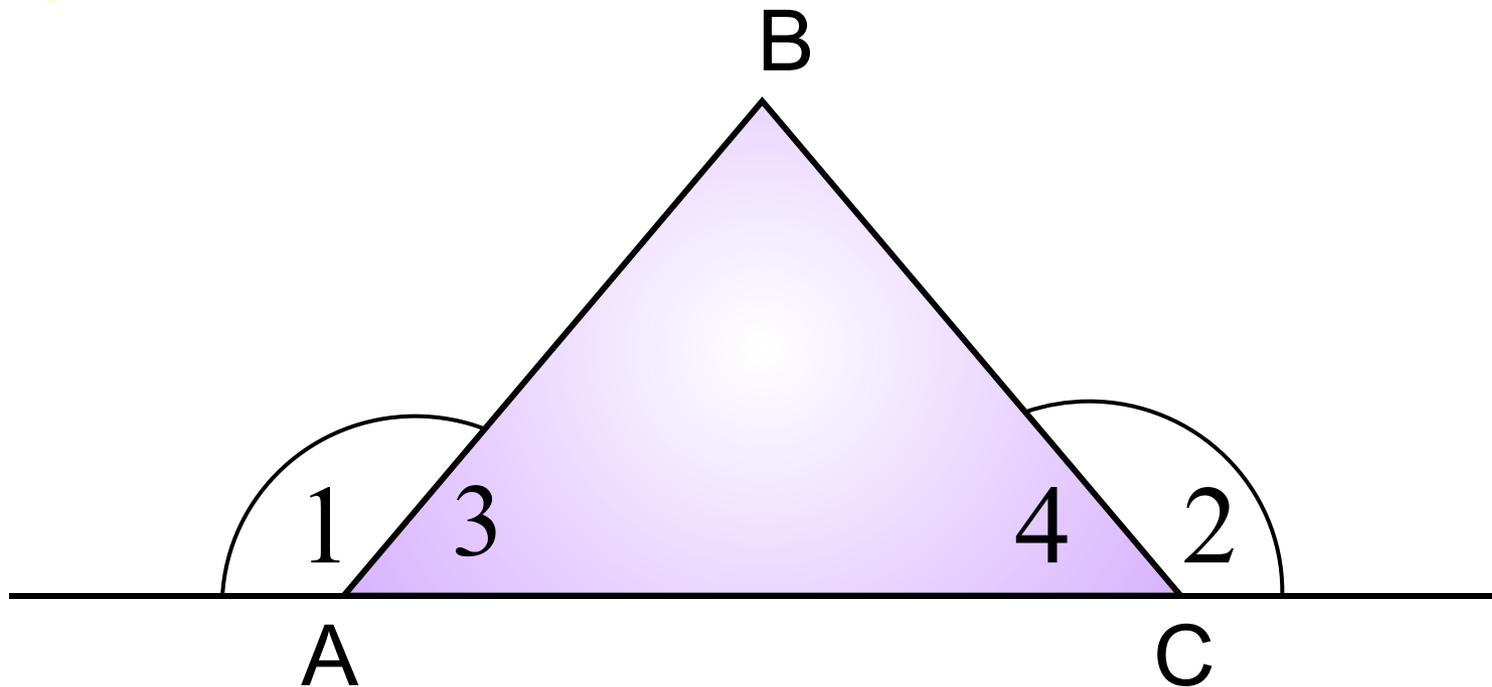
$$\angle 1 = 57^{\circ}; \angle 2 = 108^{\circ}$$

---

$$\angle 3, \angle 4$$



Задача 19



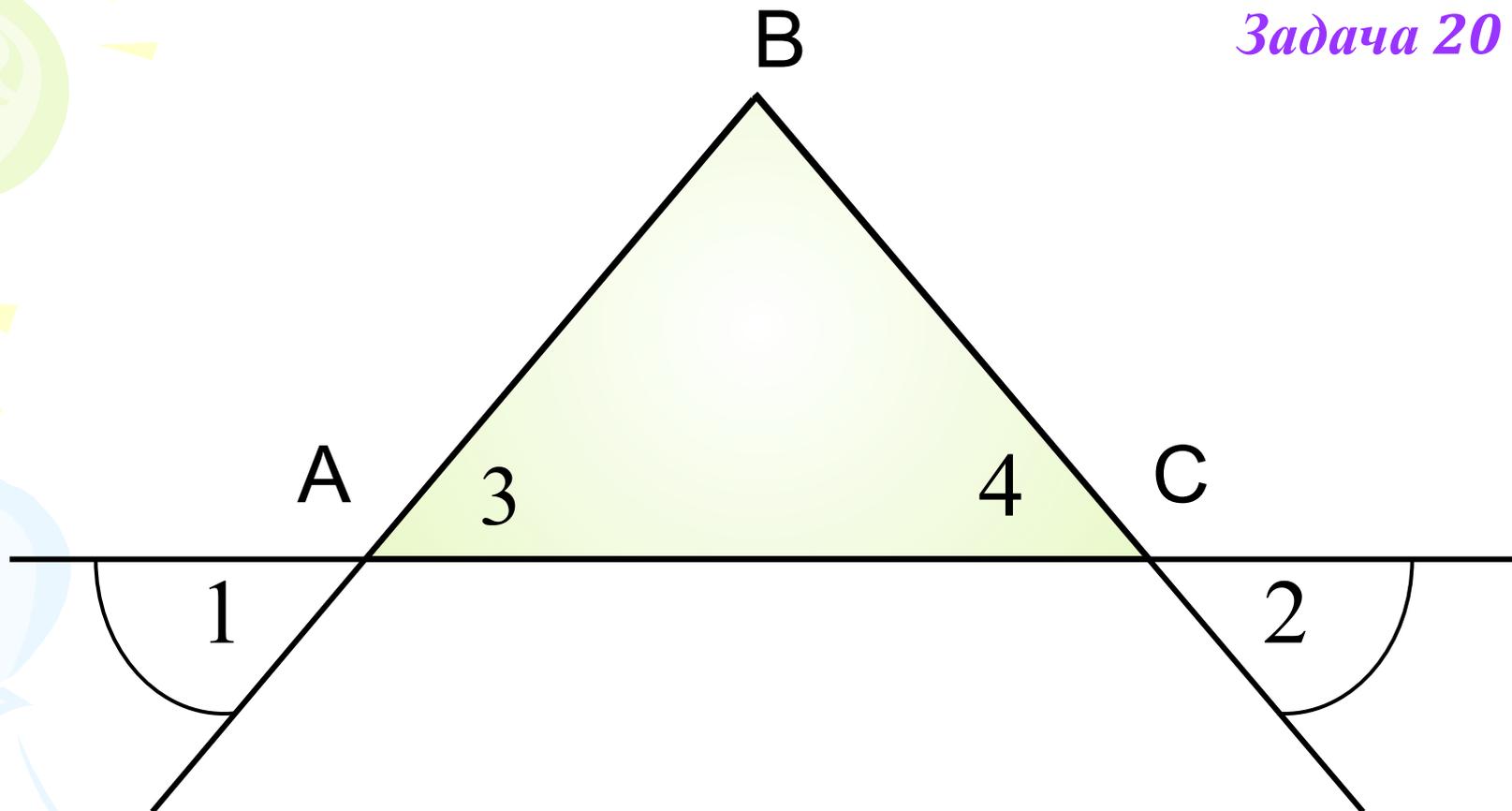
$$\angle 1 = \angle 2$$



$$\angle 3 = \angle 4$$



*Задача 20*



$$\frac{\angle 1 = \angle 2}{\angle 3 = \angle 4}$$

