

The background features a white background with three large, dark green triangles pointing upwards. On the left side, there are three balloons: a green one at the top, a light blue one in the middle, and a purple one at the bottom. Each balloon has yellow triangular rays emanating from it, suggesting light or air. The main title is written in a bold, purple, sans-serif font.

# Задачи на готовых чертежах

Презентацию подготовила  
Учитель математики I кв.  
категории  
Кулишова М.С.

# Признаки подобия треугольников

1

2

3



# Первый

# признак подобия треугольников



1

2

3

4

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6

7

8

9

10



Задача

1

$a$

$B$

$C$

$a //$   
 $b$

$O$

$b$

$A$

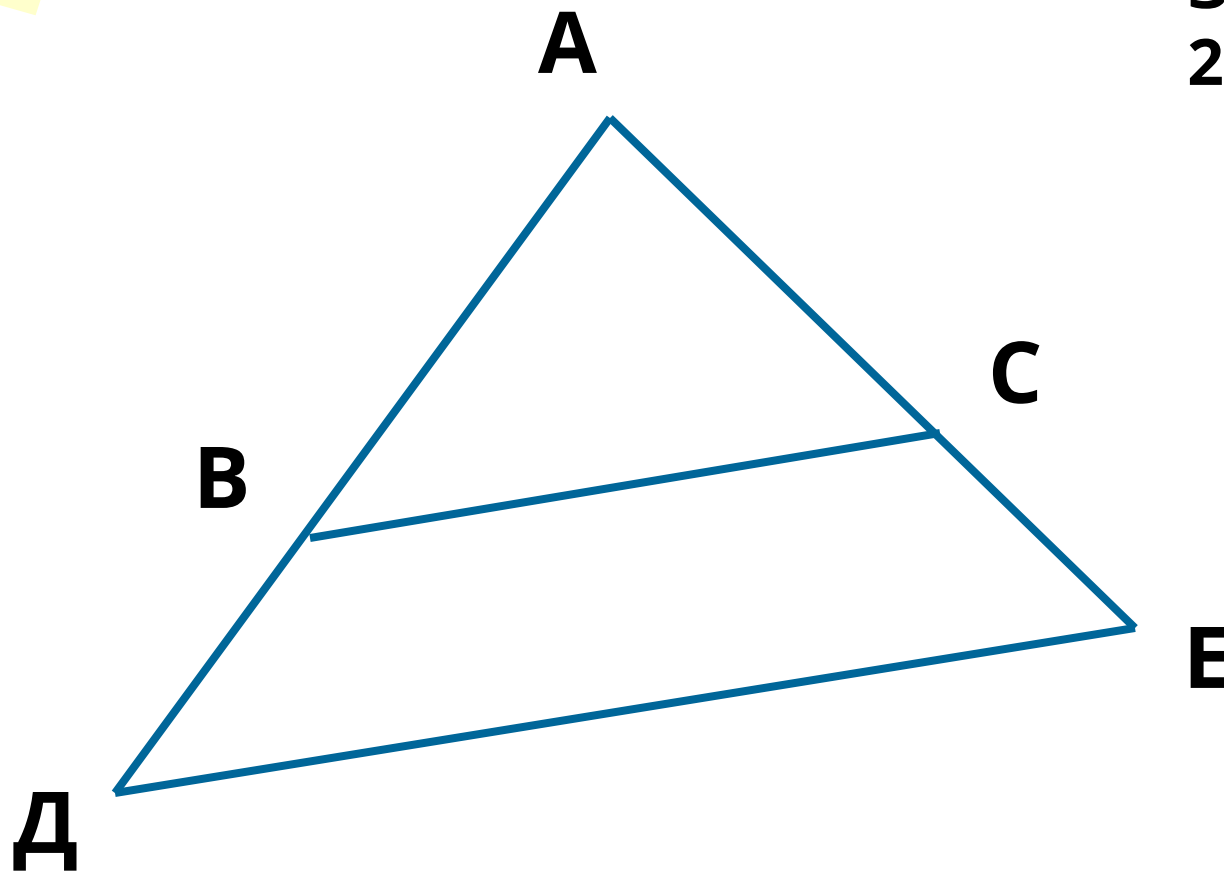
$D$

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Доказать:  $\triangle BOC \sim \triangle AOD$



Задача  
2

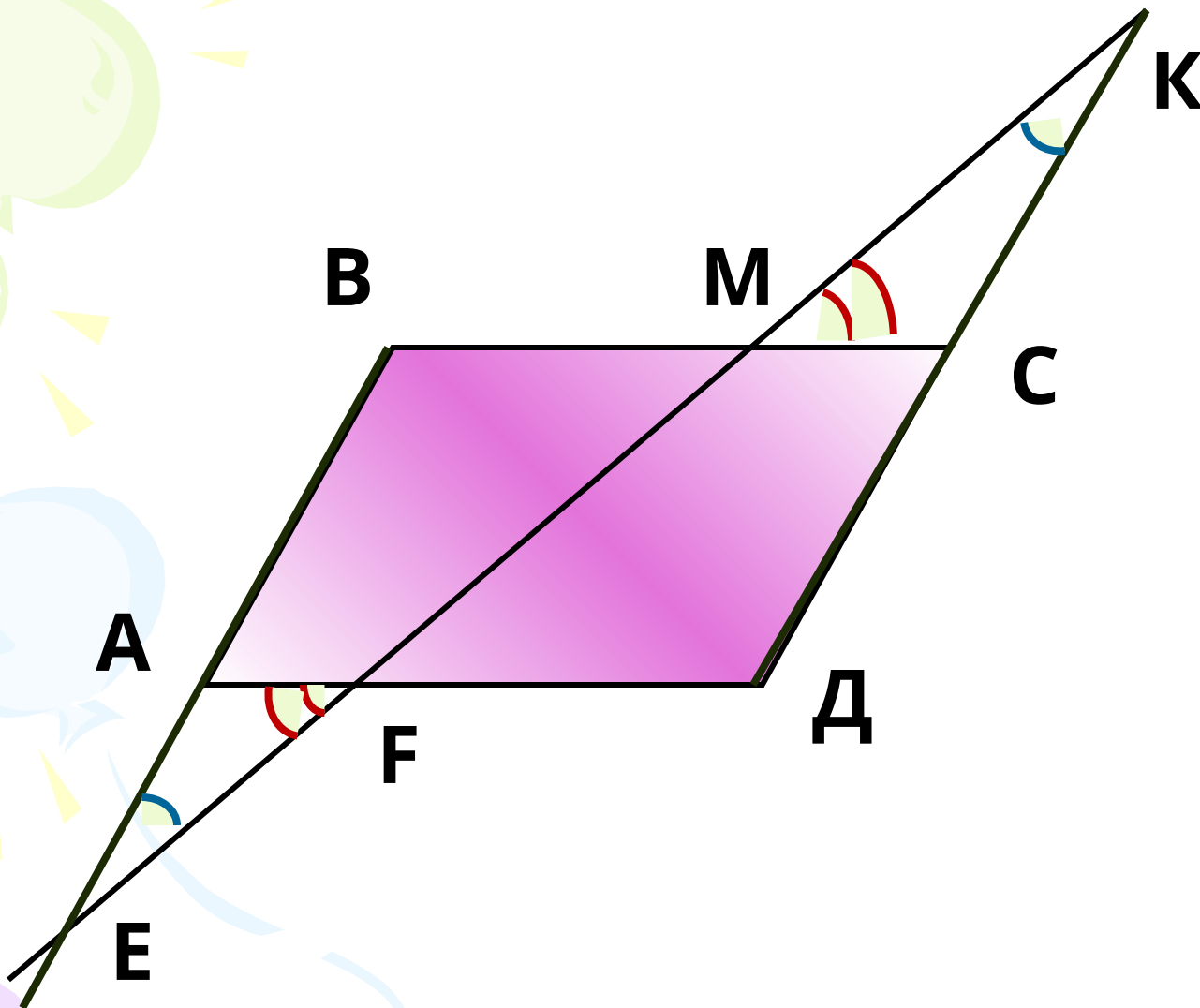


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Доказать:  $\triangle ABC \sim \triangle ADE$



Задача  
3

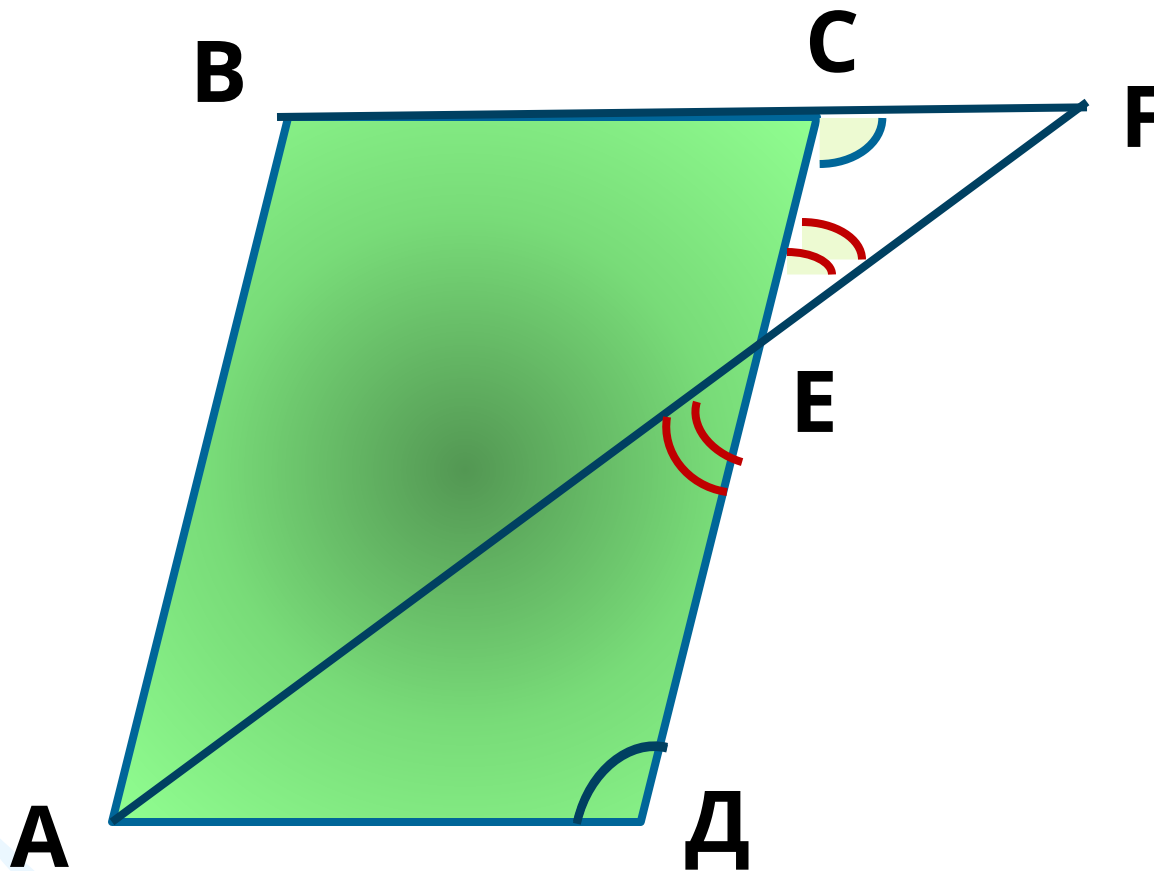


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Доказать:  $\triangle AFE \sim \triangle CMK$



Задача  
4

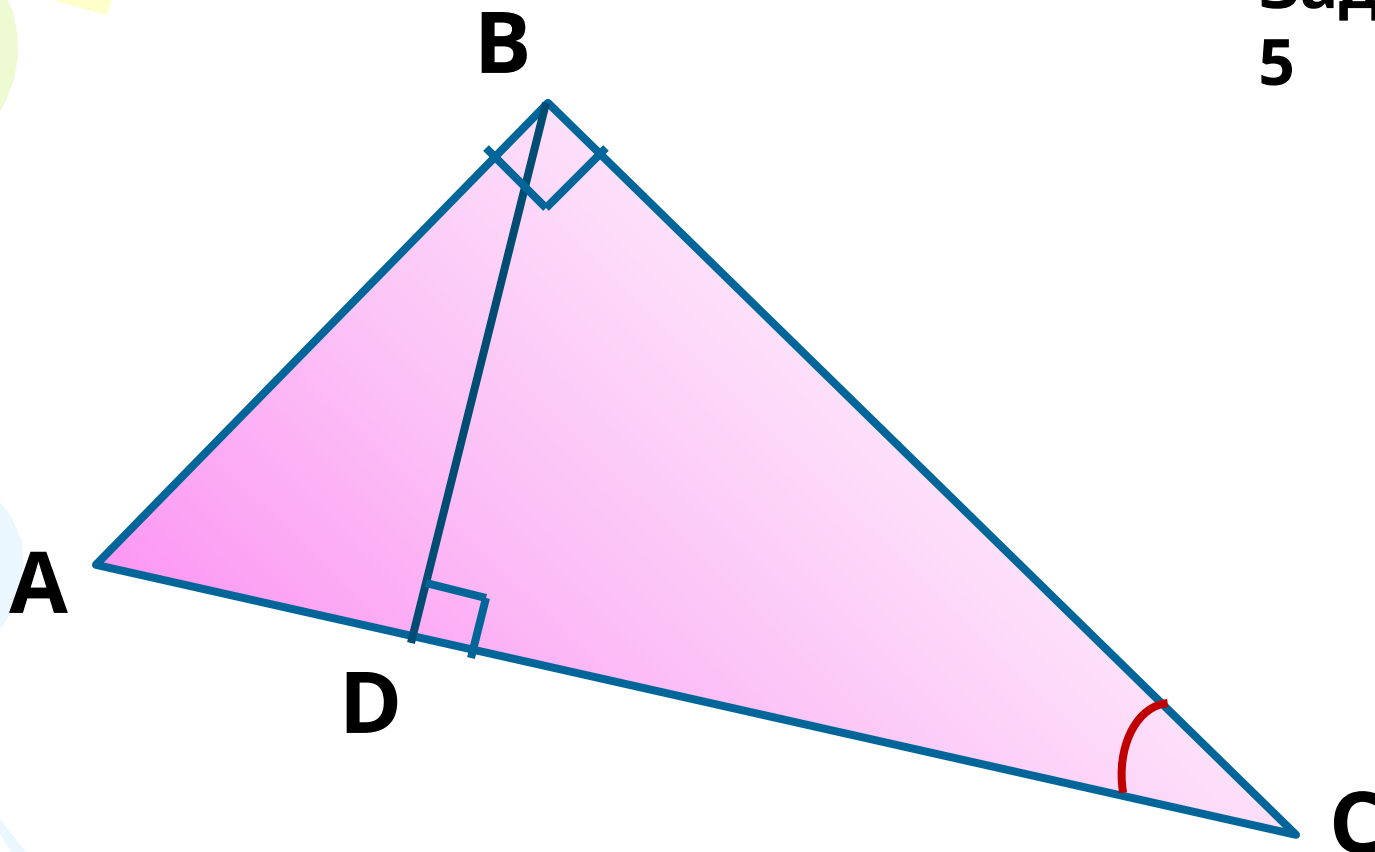


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Доказать:  $\triangle ADE \sim \triangle CFE$



Задача  
5



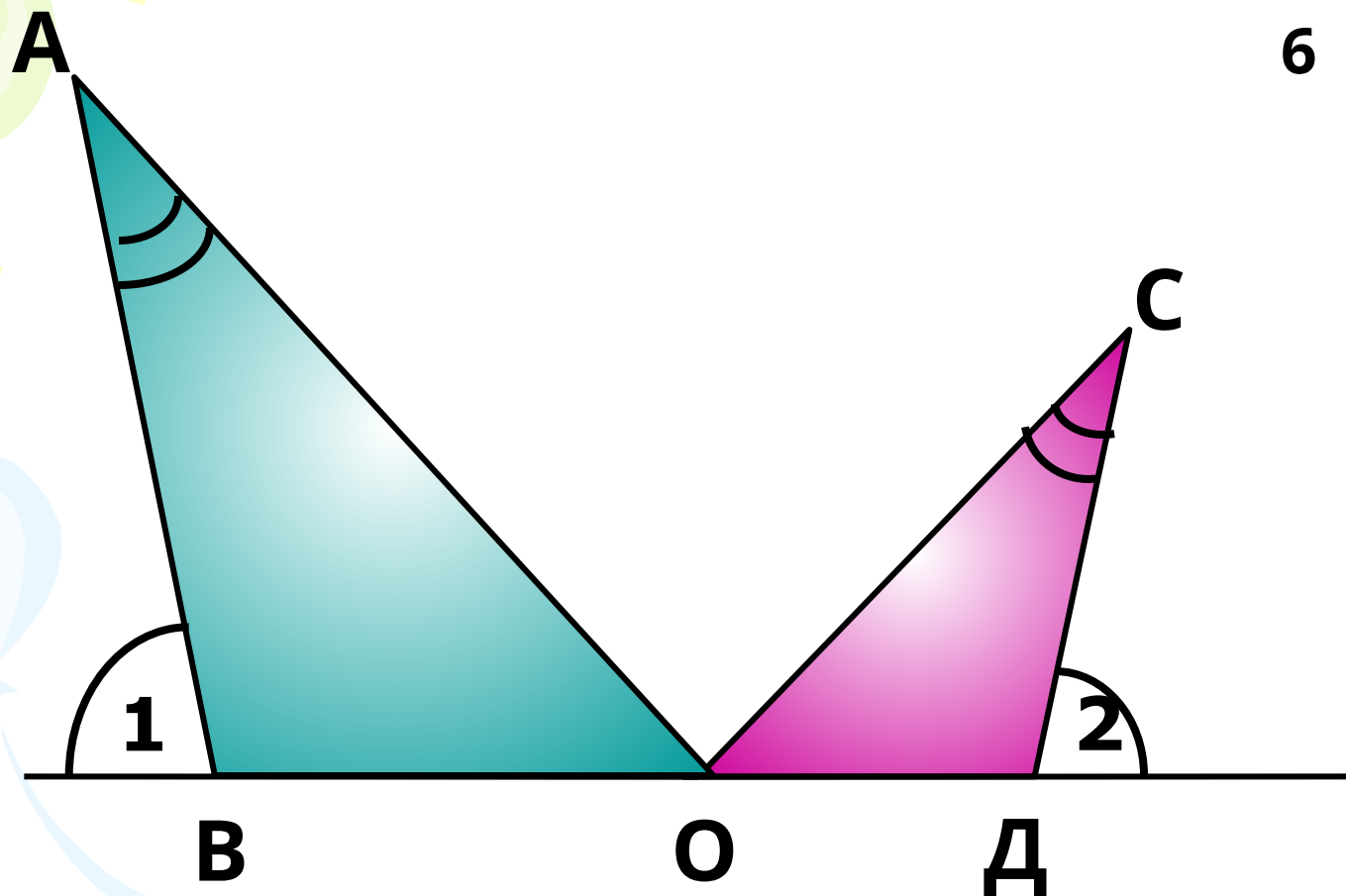
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Доказать:  $\triangle ABC \sim \triangle BDC$





Задача  
6

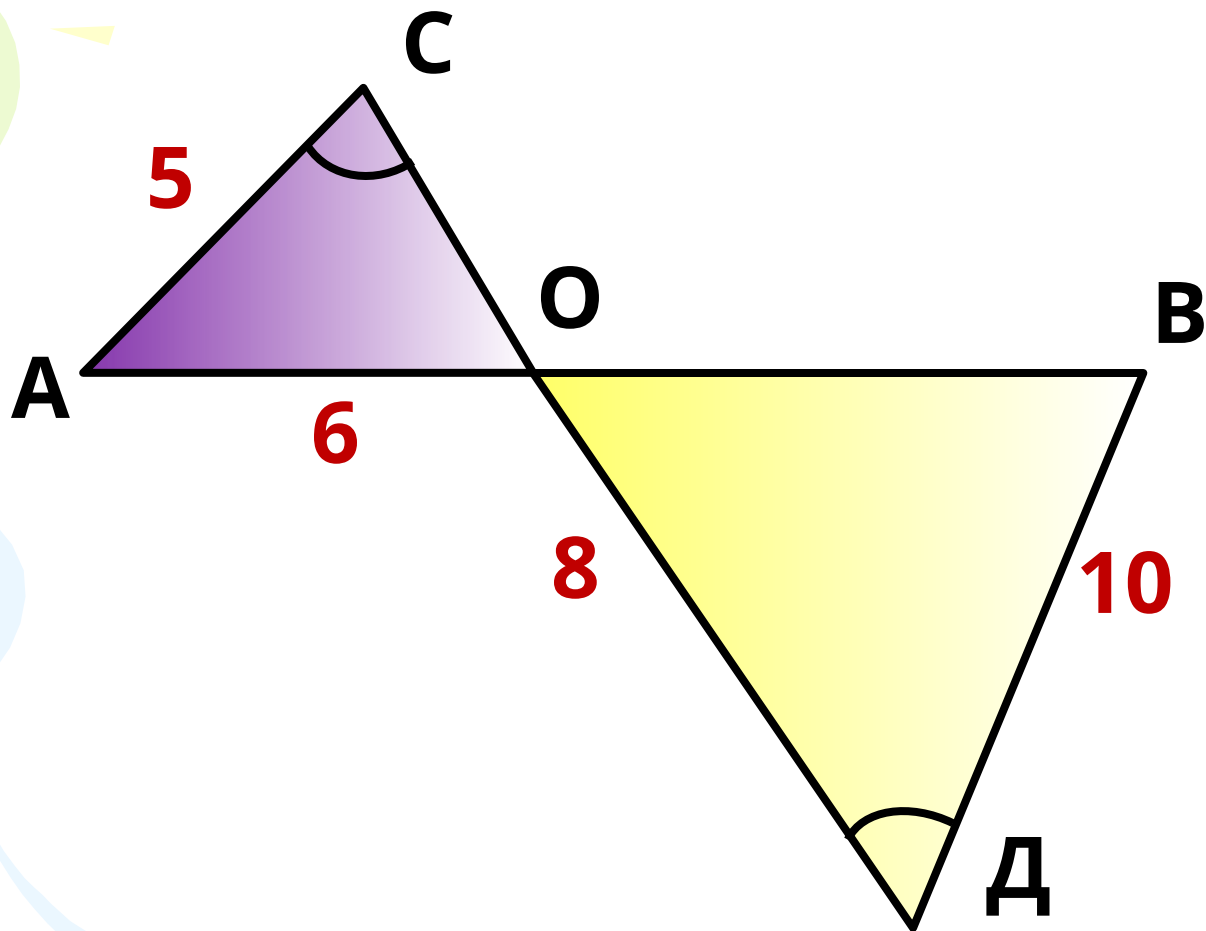


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Доказать:  
AO/CO



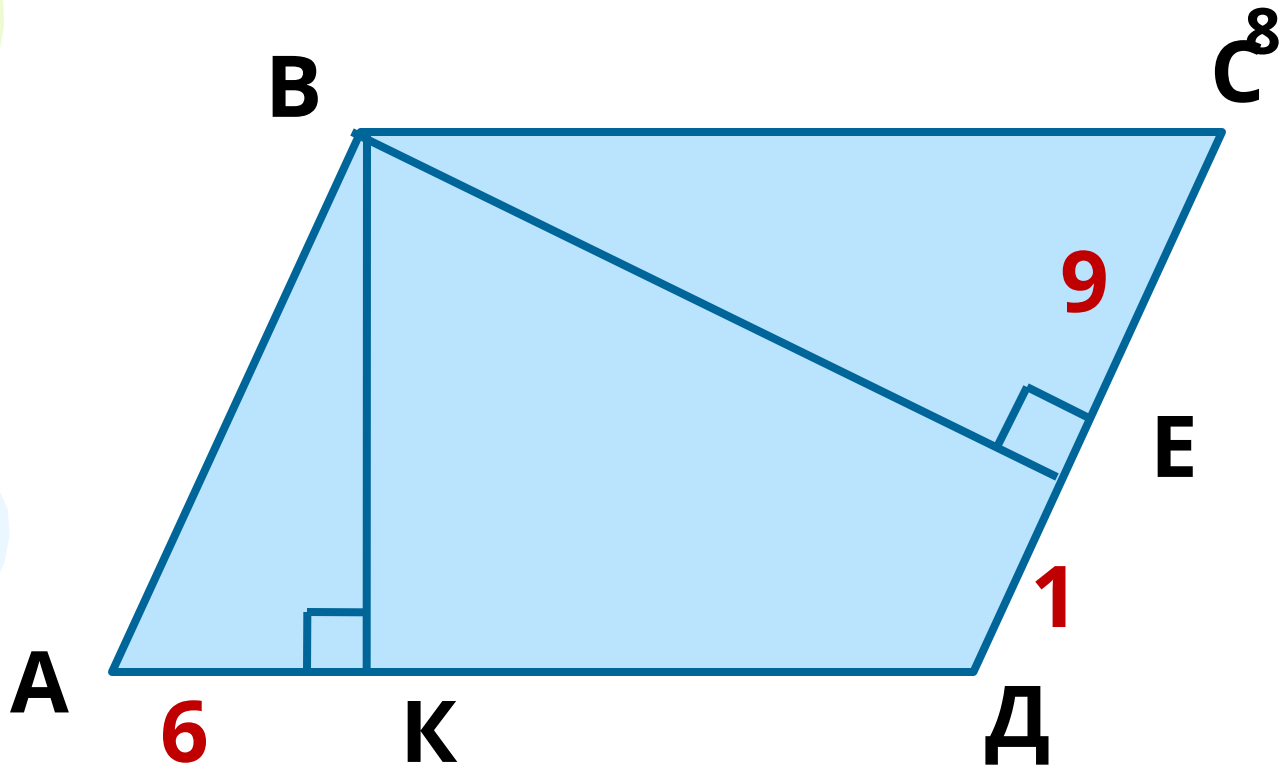
Задача  
7



Найти:  $CO$ ;  $OB$



Задача

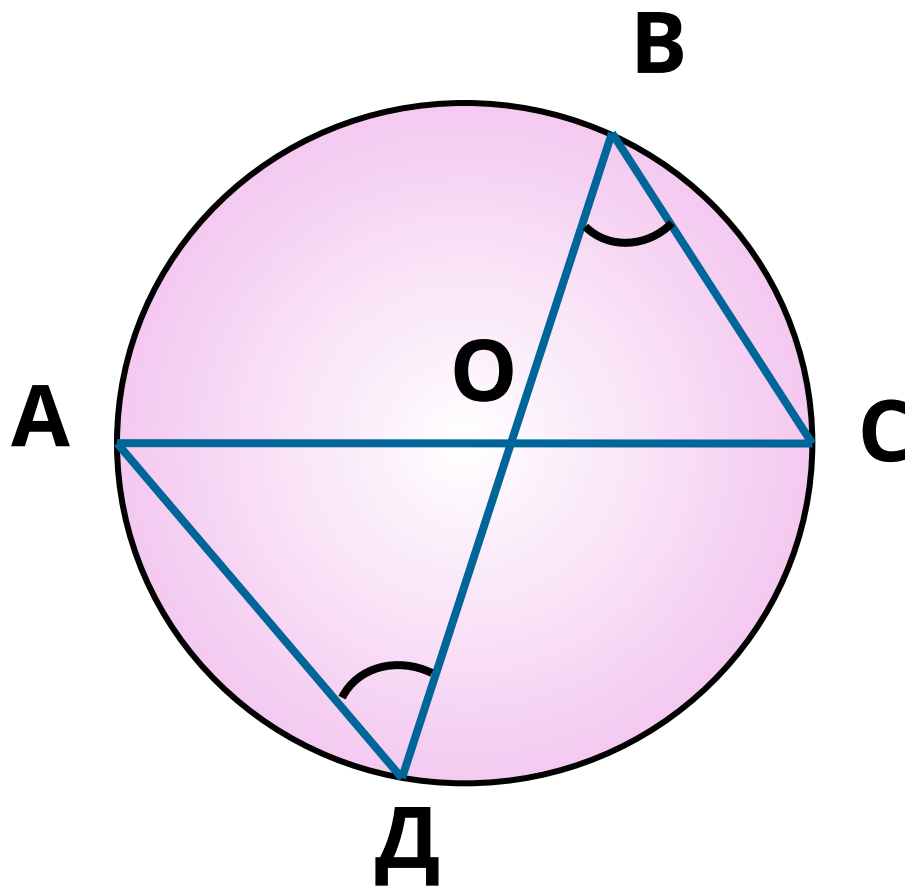


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Найти:  
BC



Задача  
9

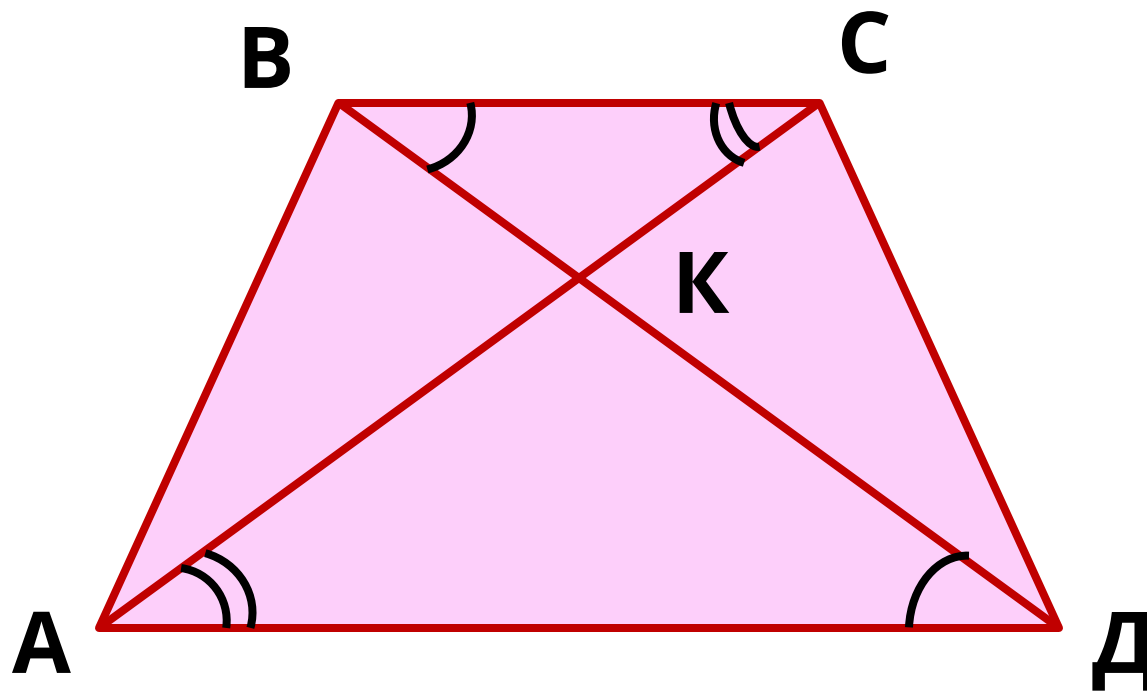


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Доказать:  $\triangle AOD \sim \triangle COB$



Задача  
10



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Найти: подобные  
треугольники



# Второй

# признак подобия треугольников



1

2

3

4

5

6

7

8

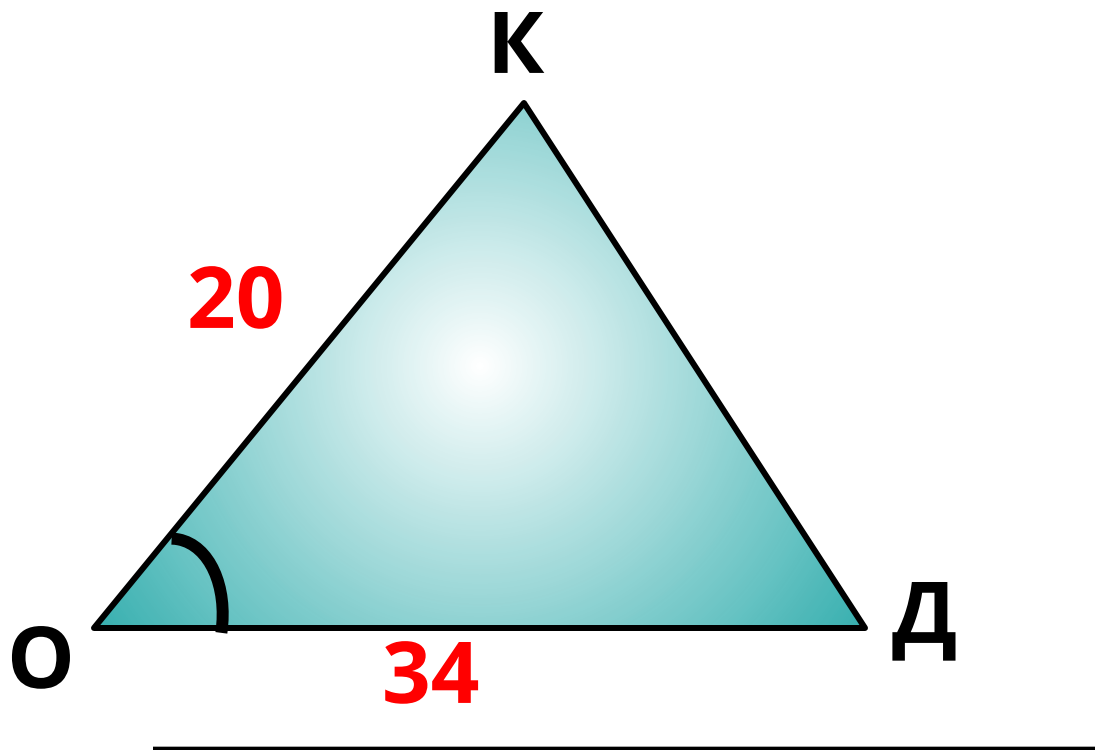
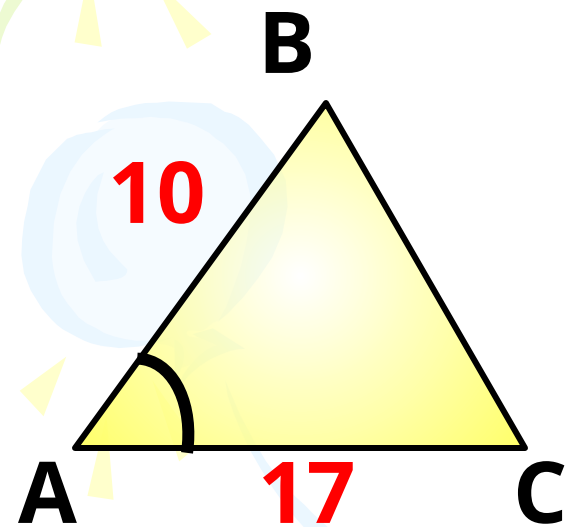
9

10

11



Задача  
1

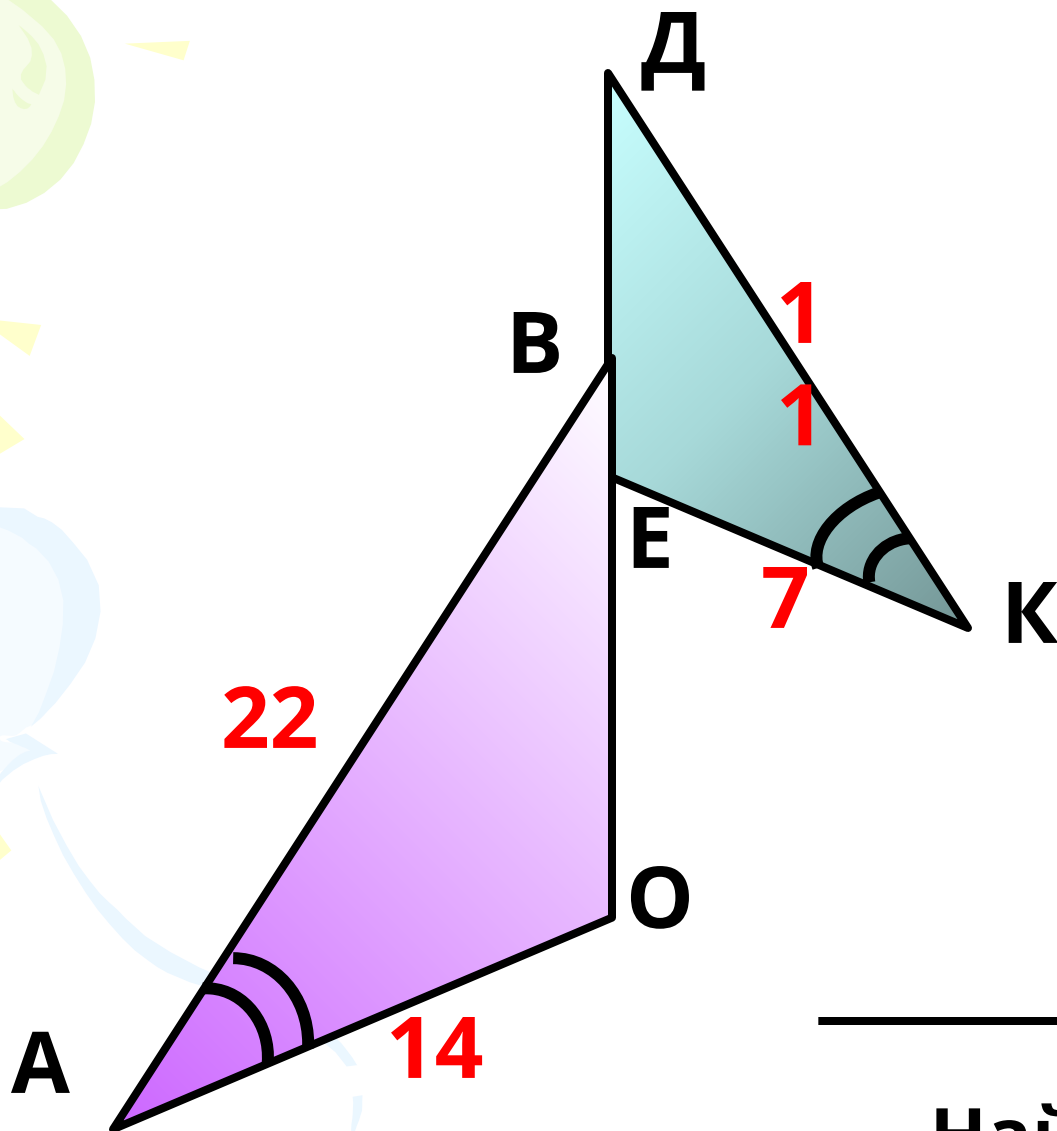


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Доказать:  $\angle D = \angle C$



Задача  
2

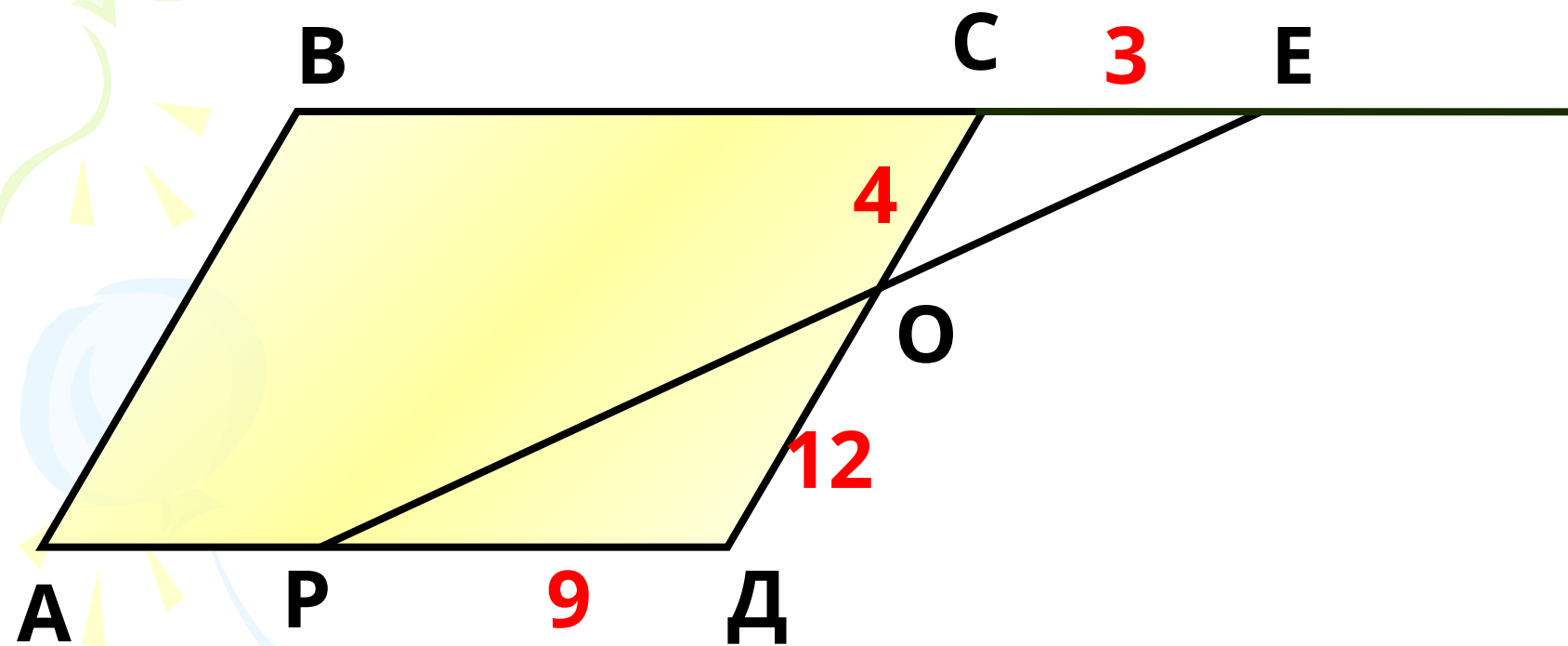


Найти:  $BO$ :  
 $DE$





Задача  
3

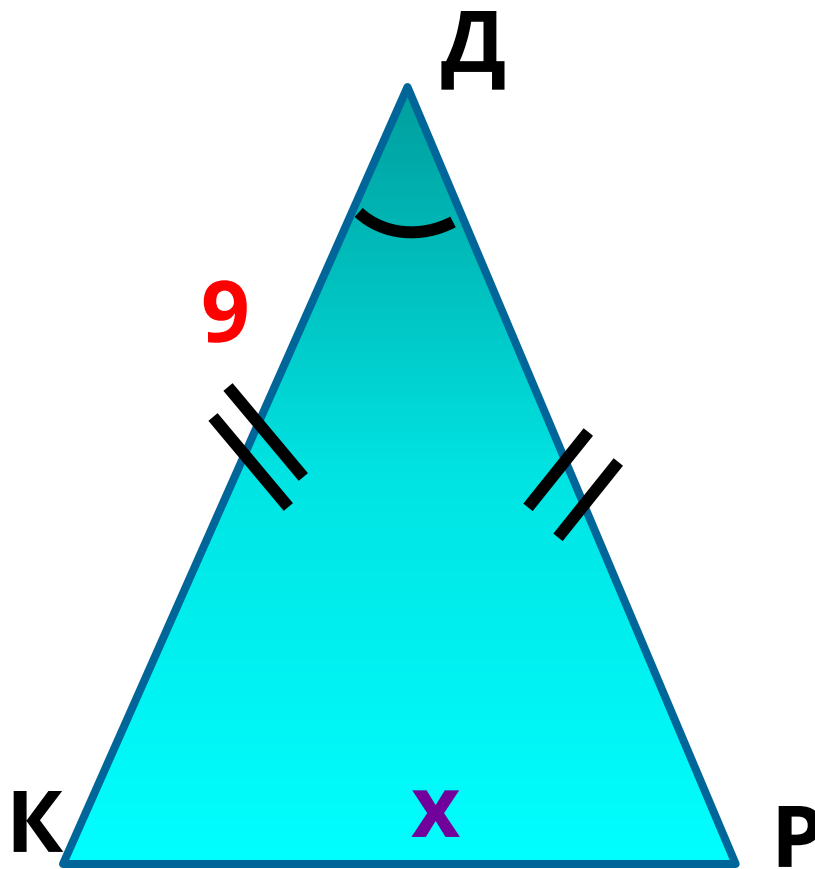
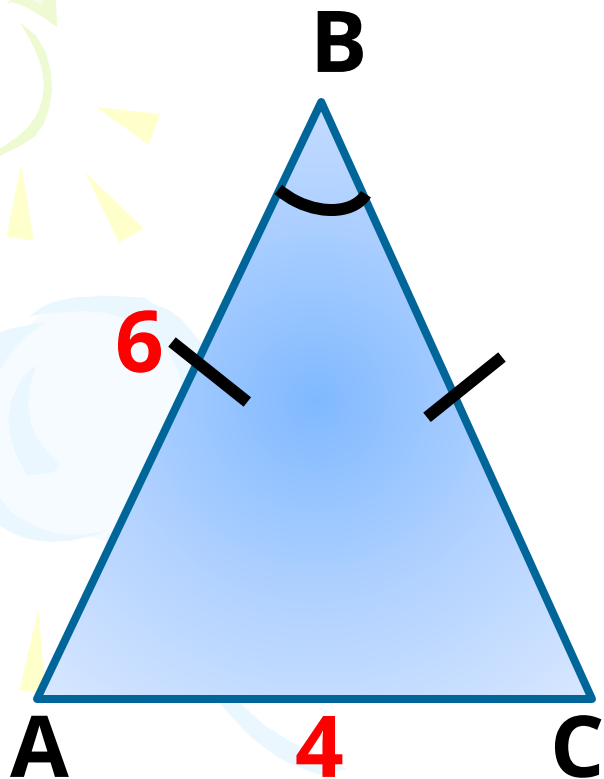


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Доказател:  $\triangle POD \sim \triangle EOC$



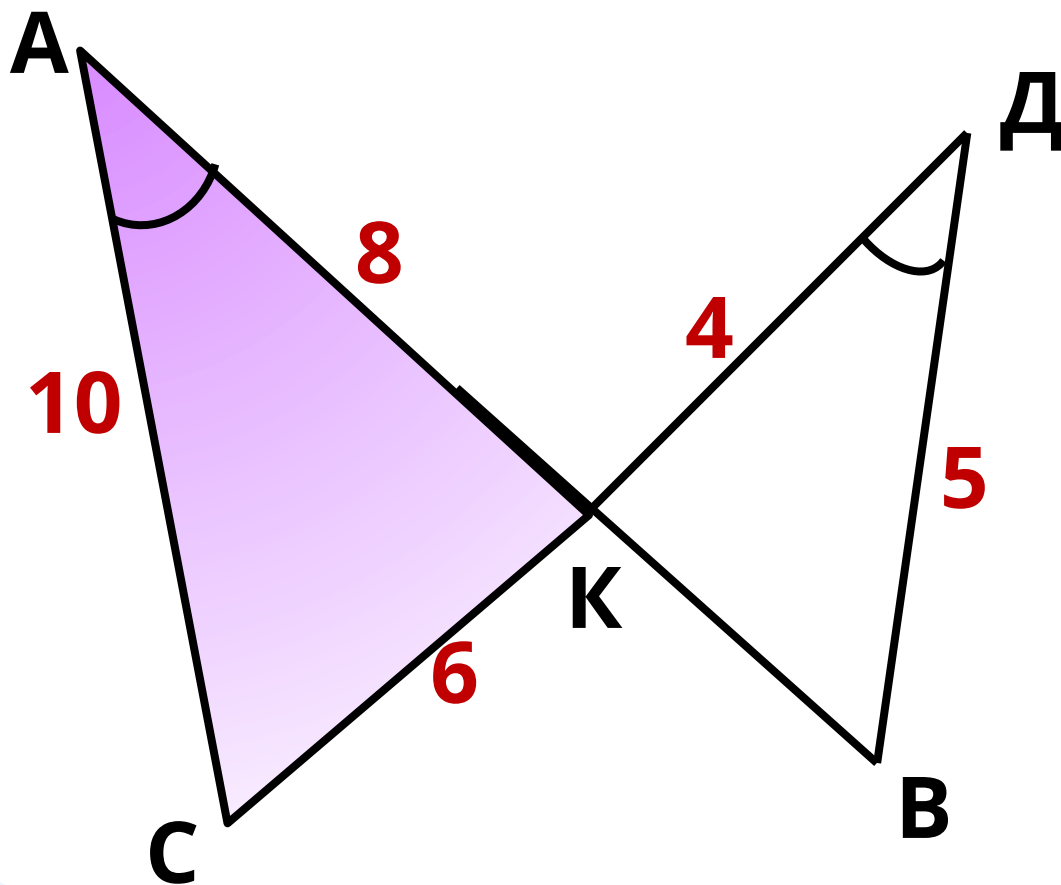
Задача  
4



Найти:  $x$



Задача  
5

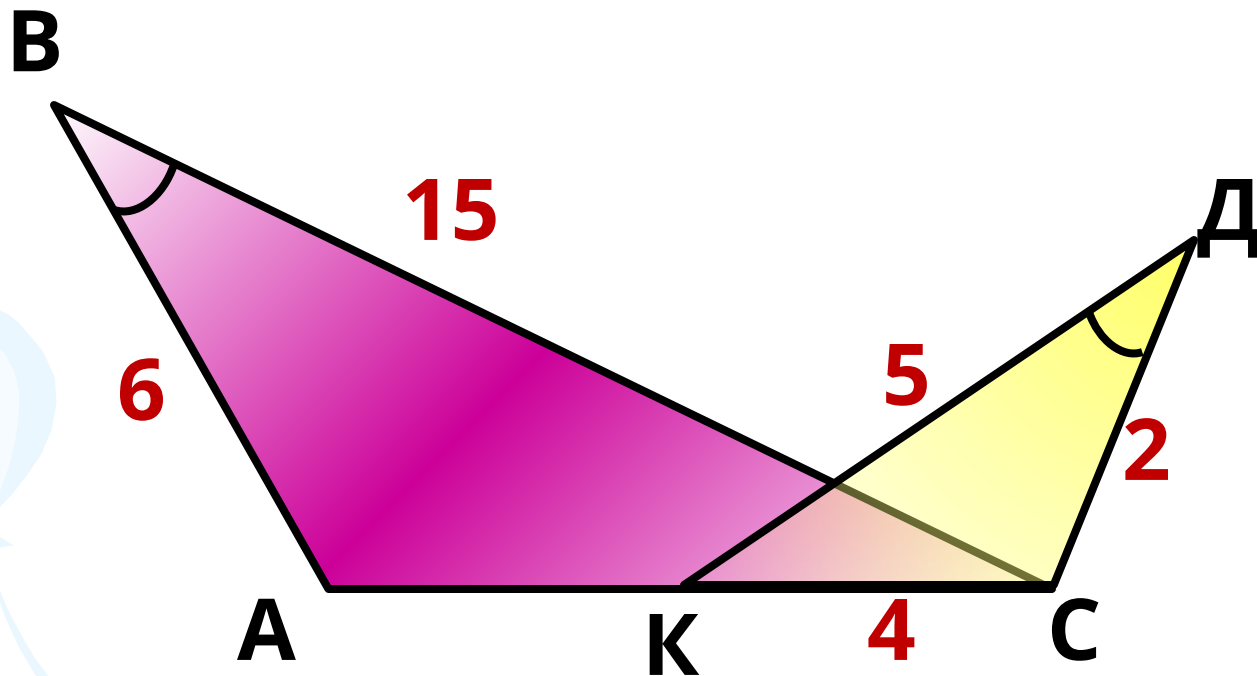


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Найти:  
КВ



Задача  
6

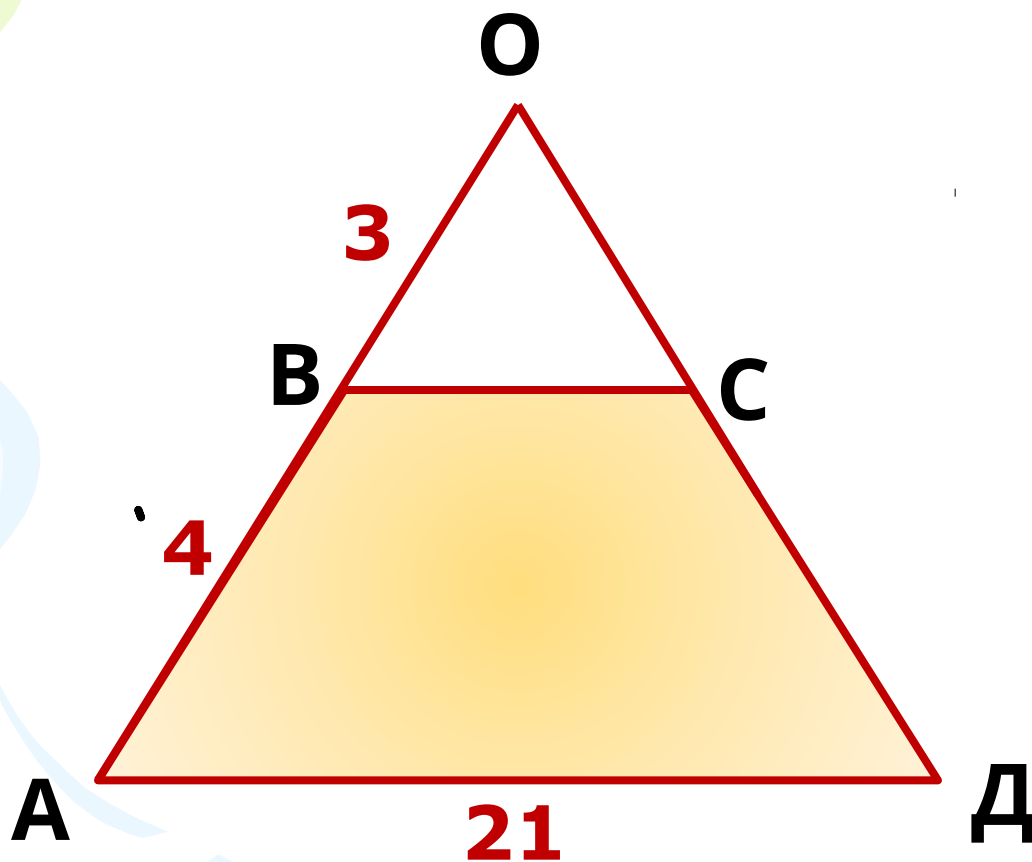


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Найти:  $AC$



Задача  
7

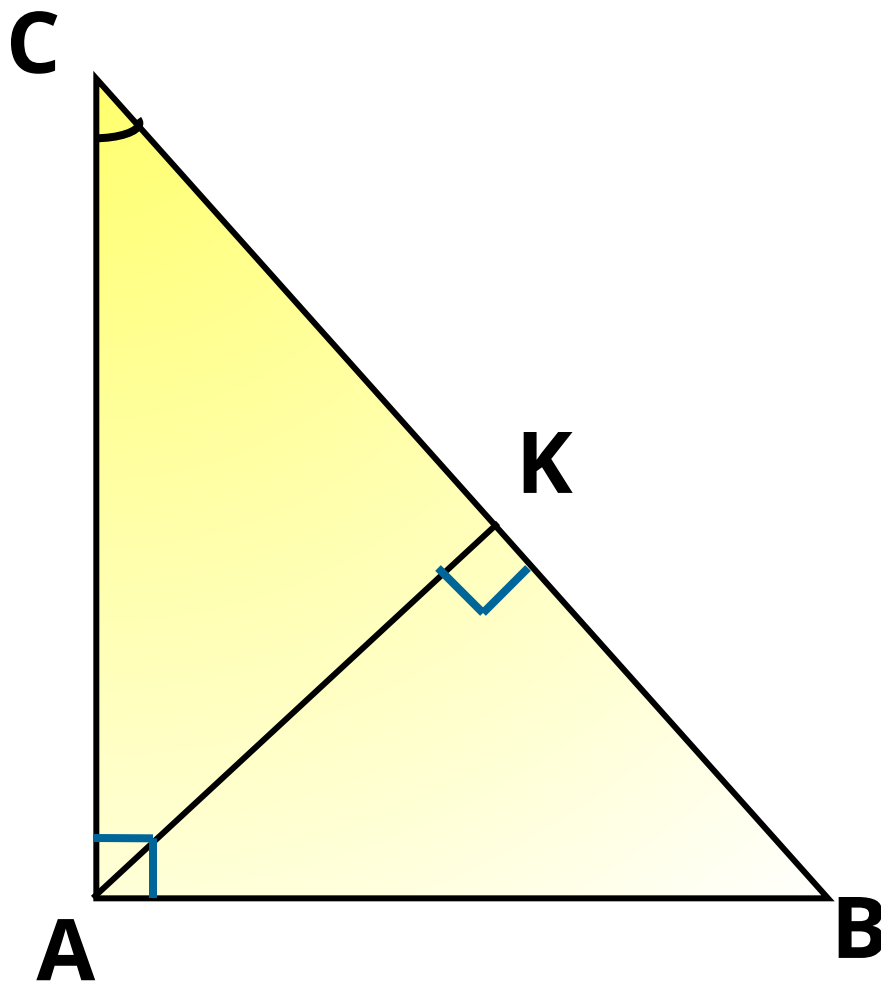


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Найти:  $BC$



Задача  
8

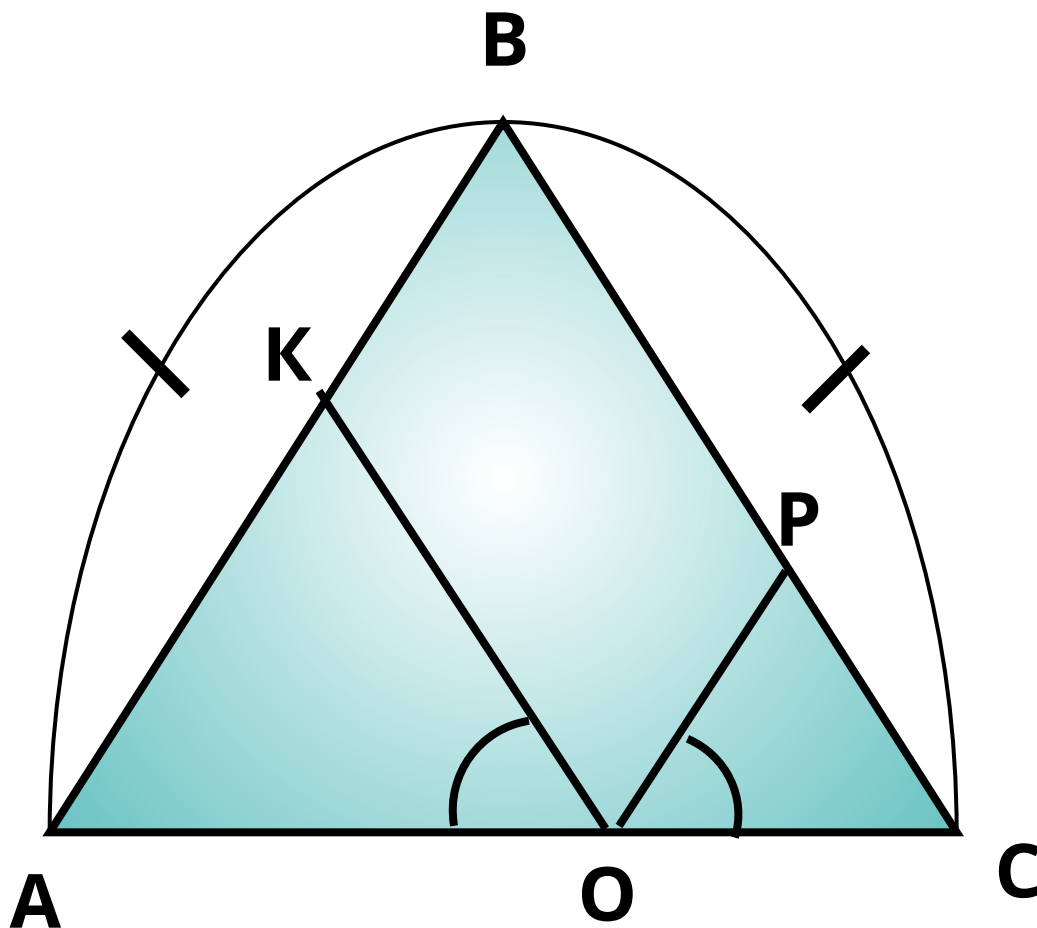


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Найти подобные  
треугольники



Задача  
9

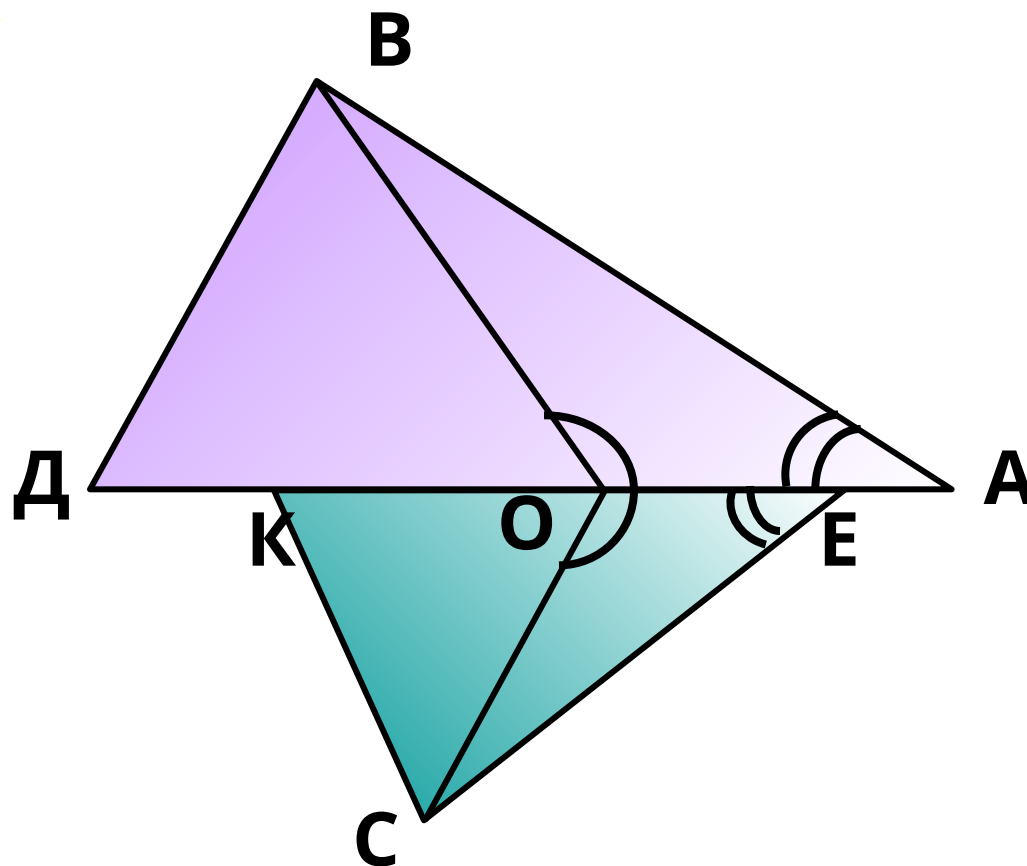


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Найти подобные  
треугольники



Задача  
10



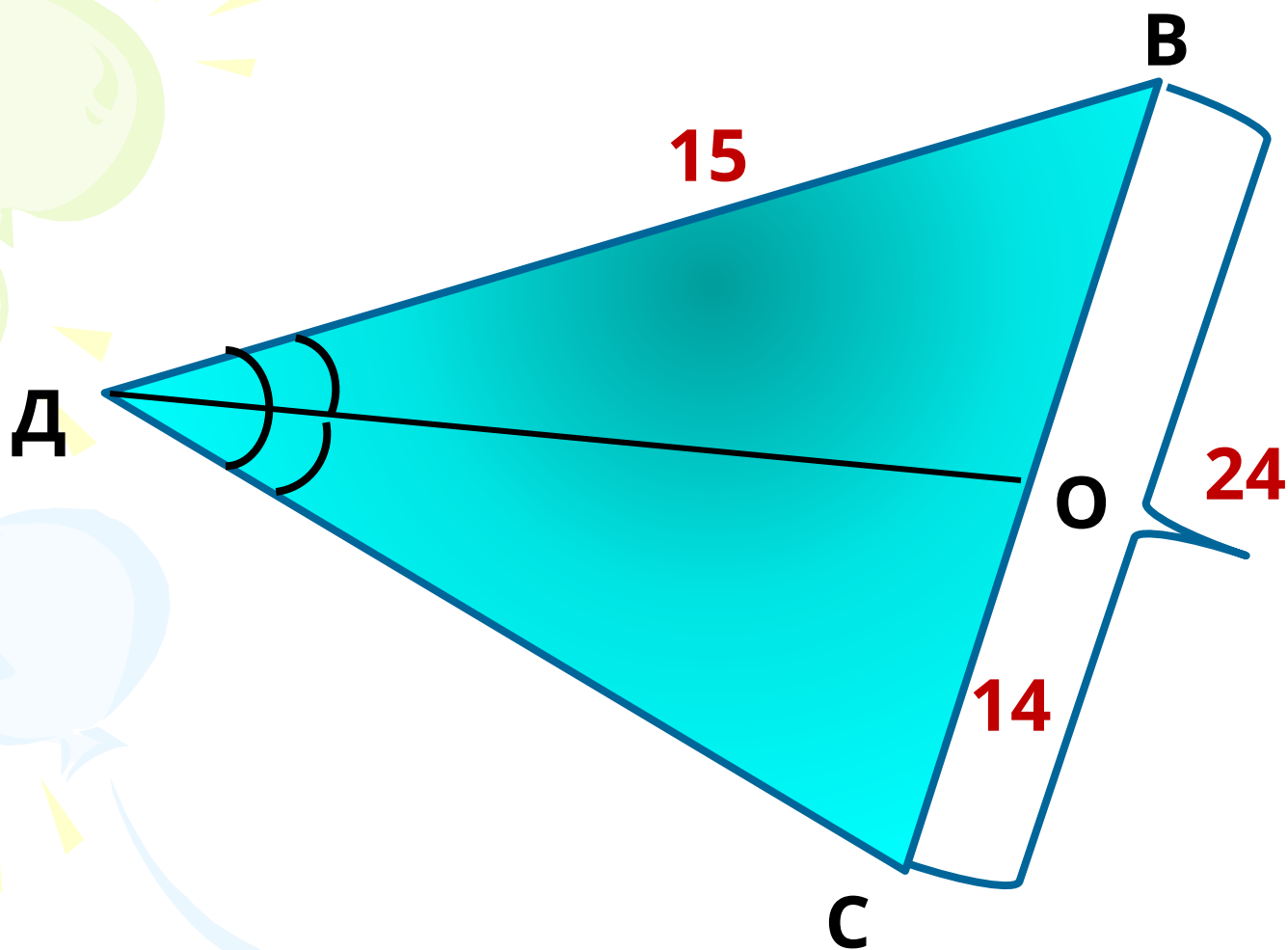
---

Найти: подобные  
треугольники





Задача  
11



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Найти:  
ДС



# Третий

# признак подобия треугольников

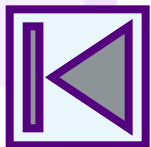


1

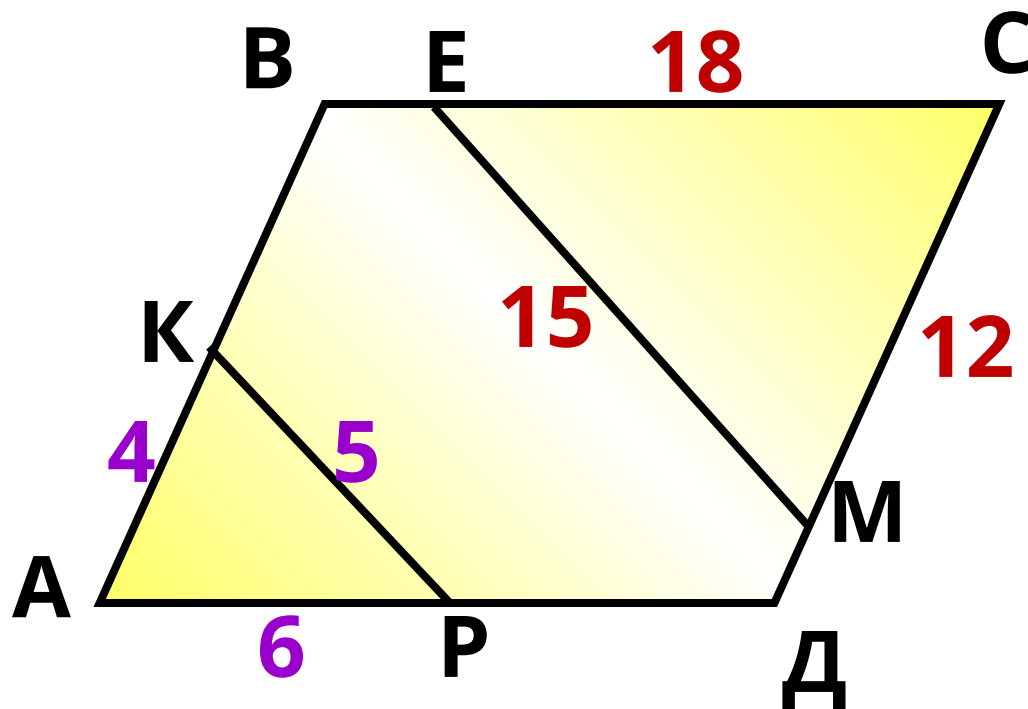
2

3

4



Задача  
1

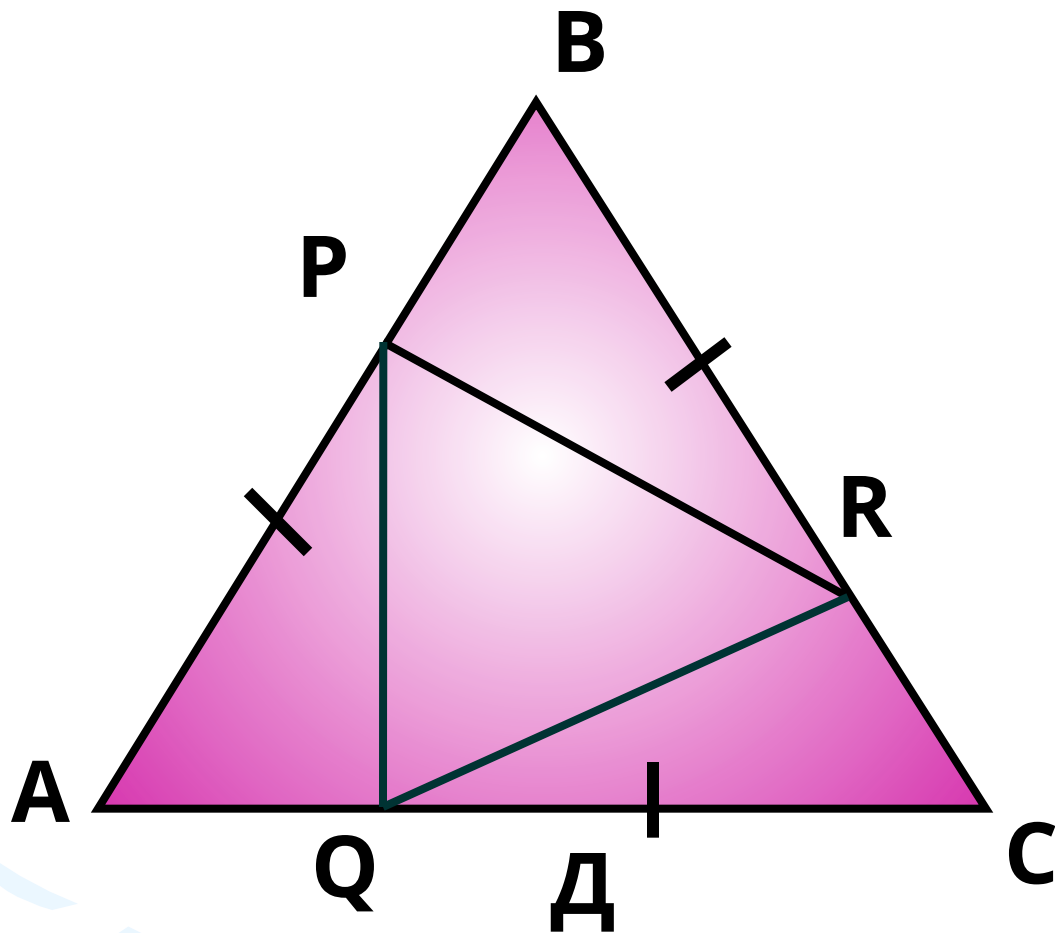


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Доказать:  $\triangle AKR \sim \triangle CME$



Задача  
2

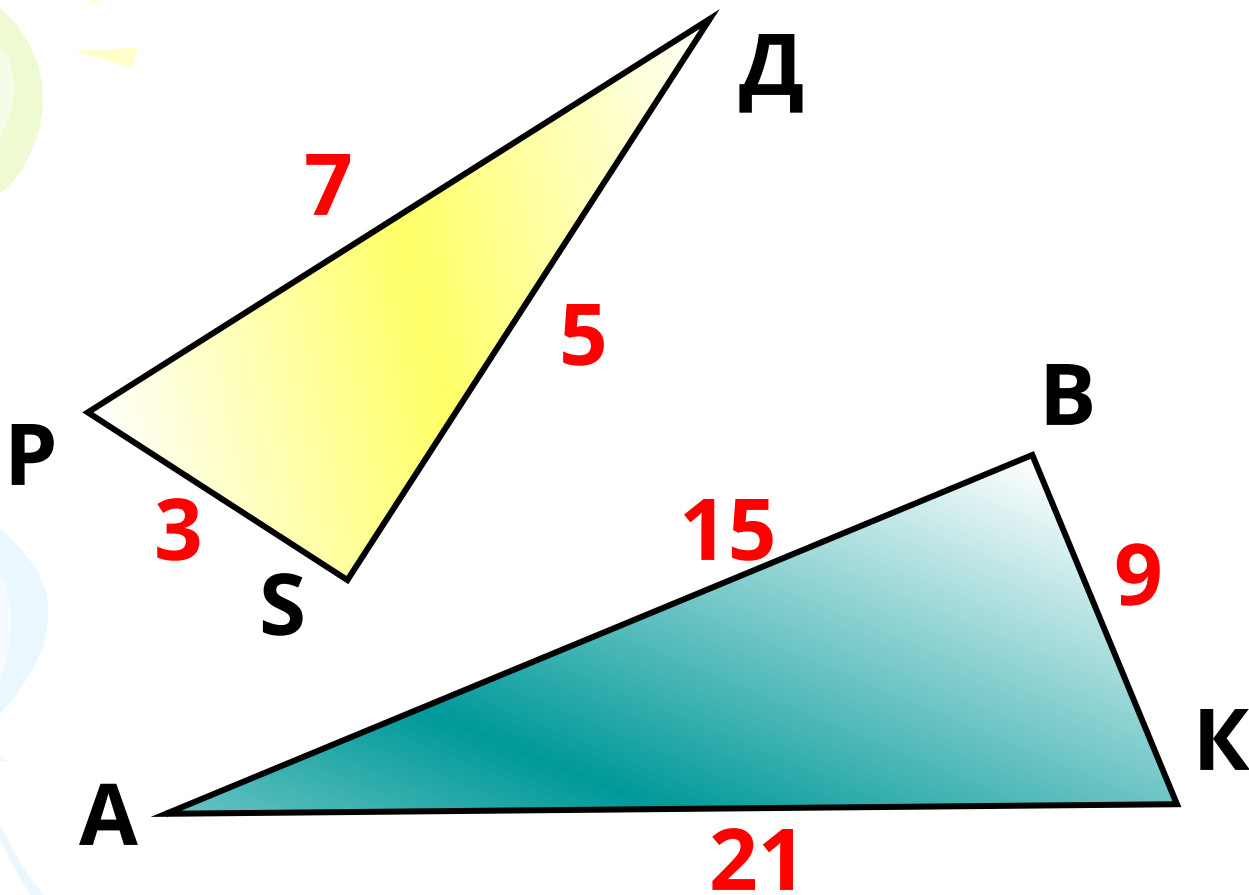


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Доказать:  $\triangle ABC \sim \triangle PRQ$



Задача  
3

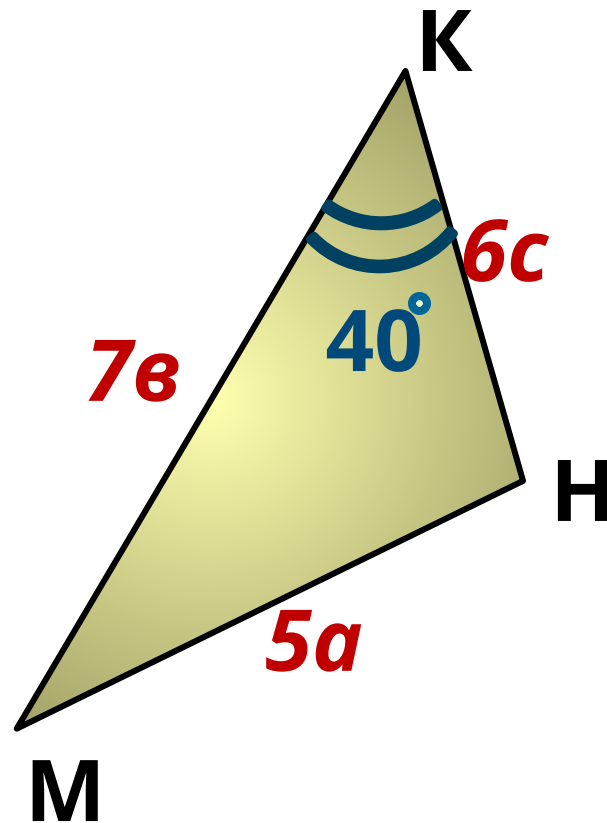
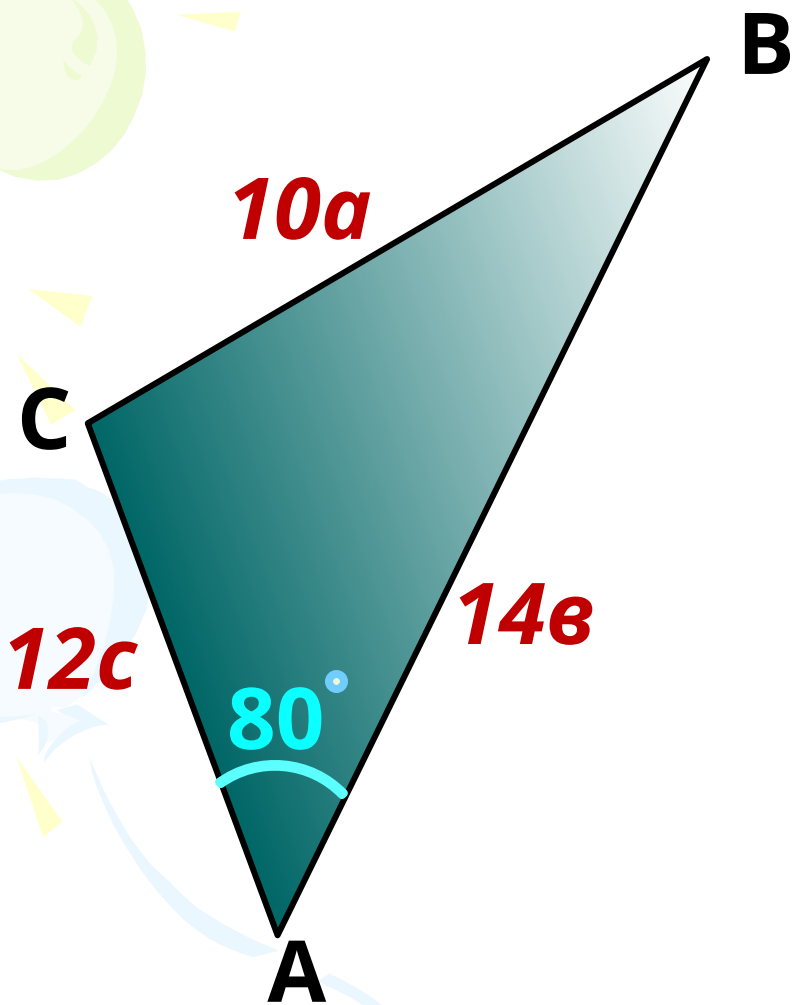


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Доказать:  $\angle P = \angle K$



Задача  
4



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Найти:  $\angle M$  и  $\angle B$



**Спасибо за  
внимание!**