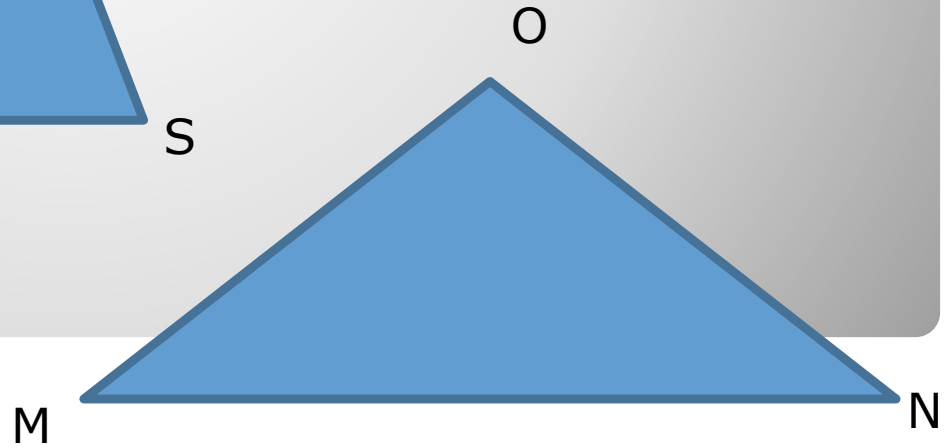
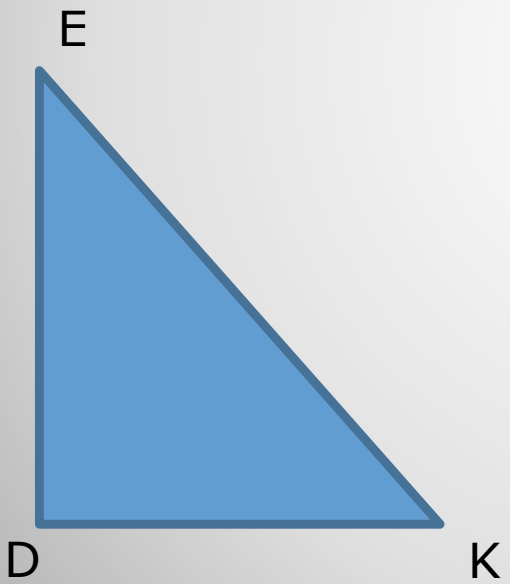
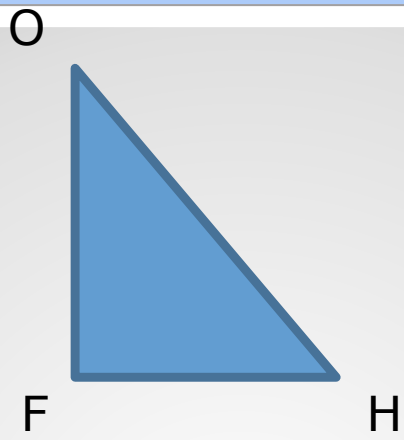
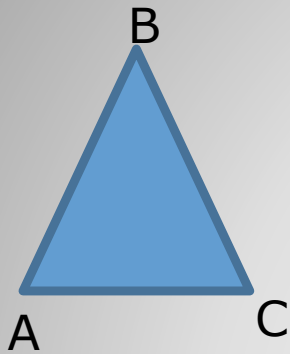


# Шандра Лидия Олеговна

учитель математики МБОУ Бобровская СОШ №1





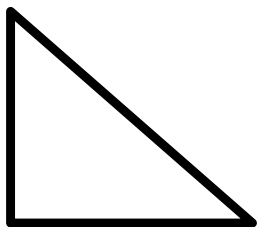
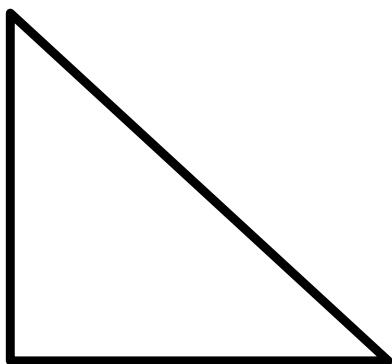


$\triangle ABC \sim \triangle EMK$

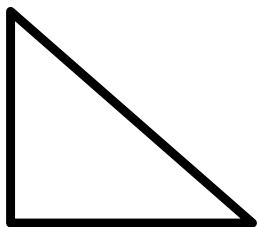
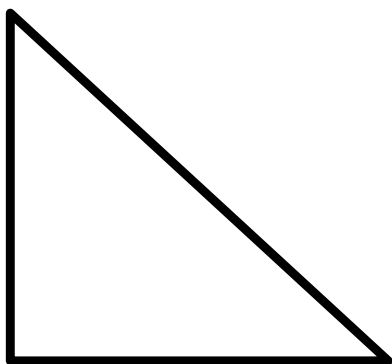
$\triangle DEK \sim \triangle FOH$

# Подобные треугольники

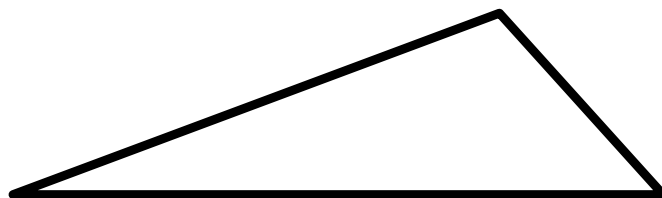
# 1 группа



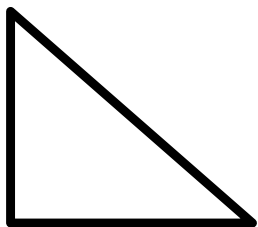
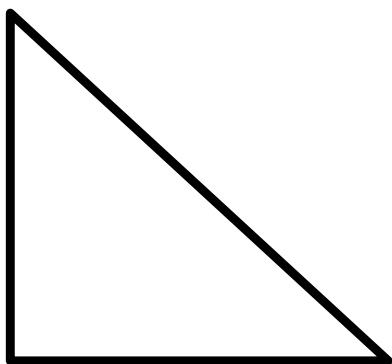
1 группа



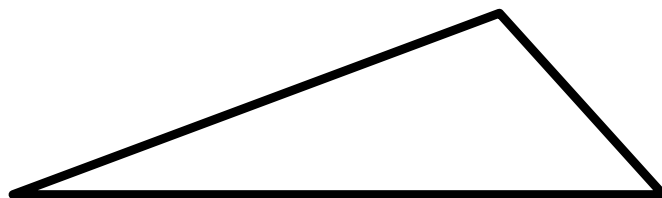
2 группа



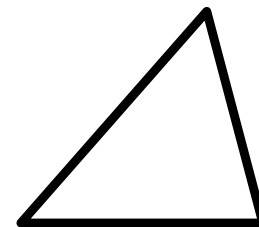
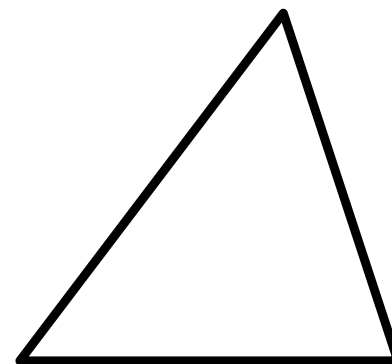
**1 группа**



**2 группа**

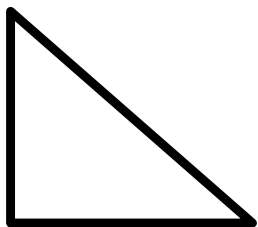
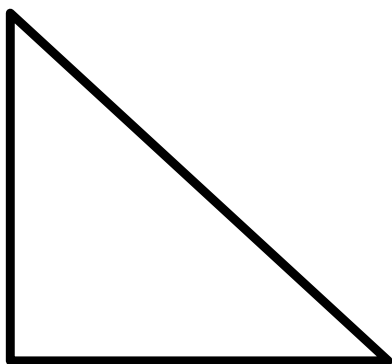


**3 группа**

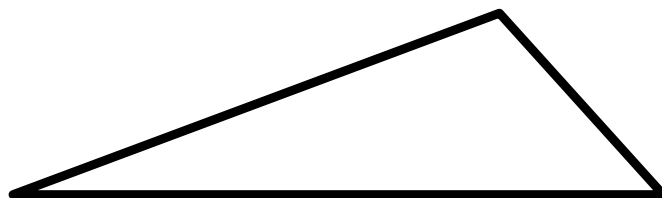




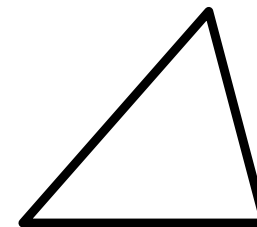
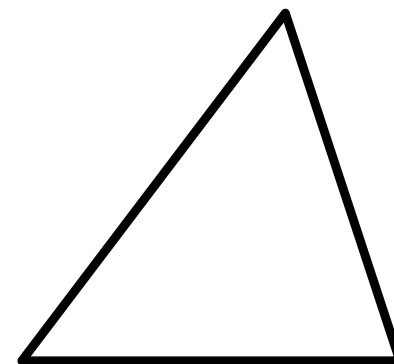
**1 группа**



**2 группа**



**3 группа**

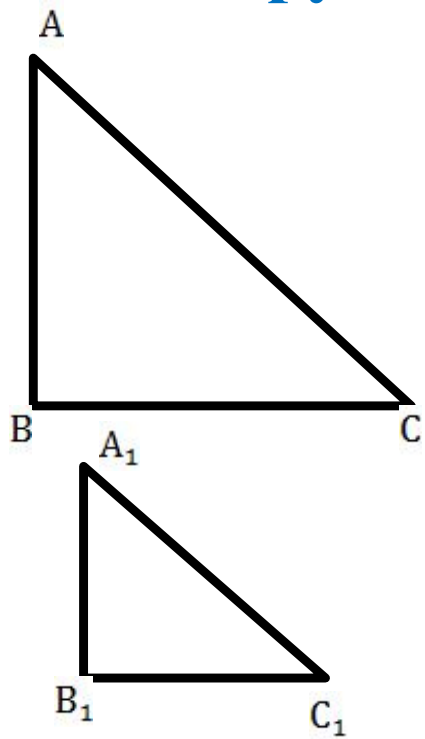


**Задание:**

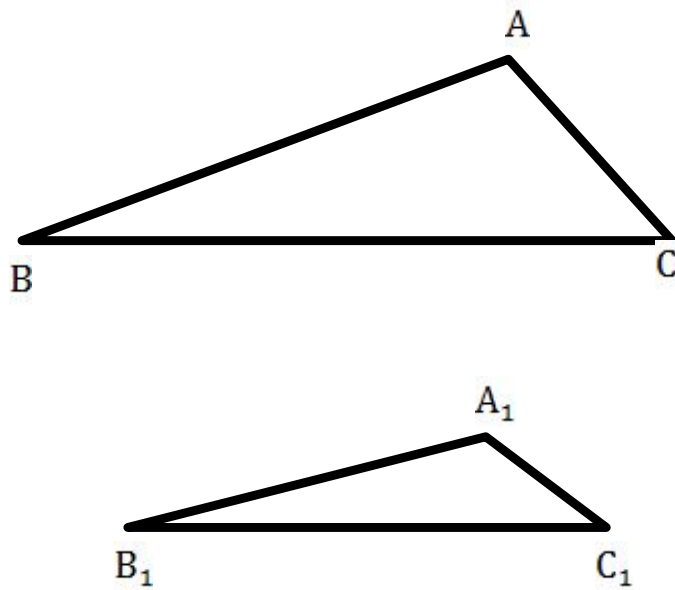
измерить углы и стороны треугольников

AB =	
AC =	
BC =	
$\angle A =$	
$\angle B =$	
$\angle C =$	

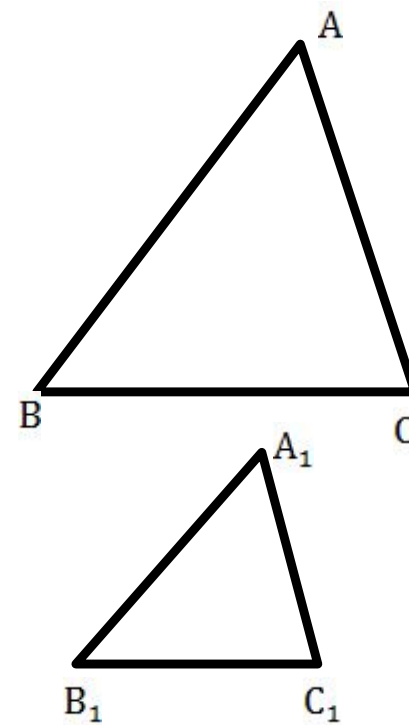
# 1 группа



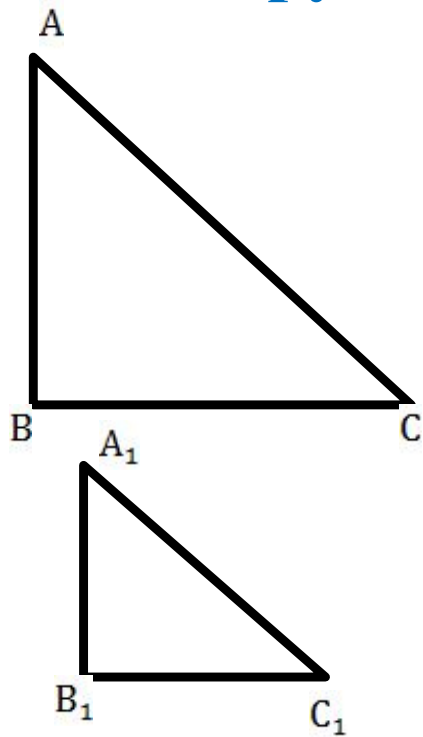
# 2 группа



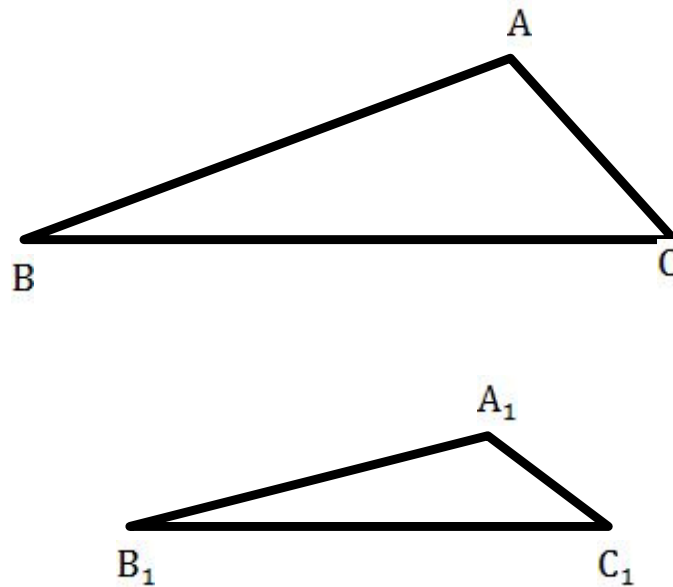
# 3 группа



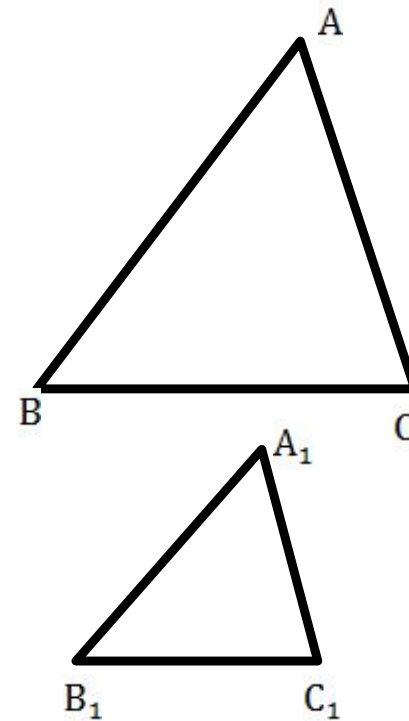
1 группа



2 группа

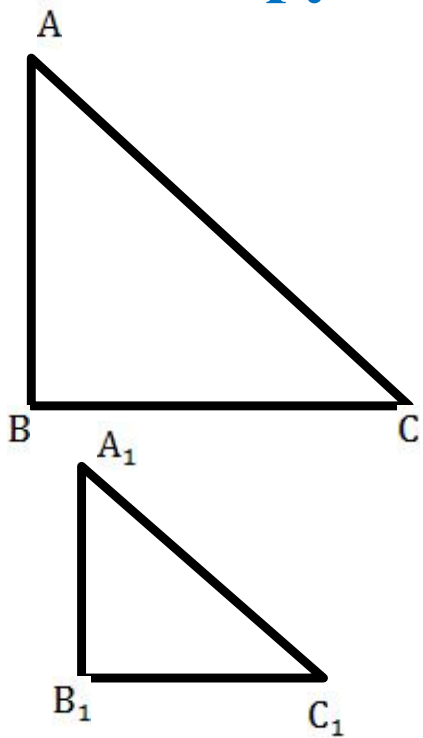


3 группа

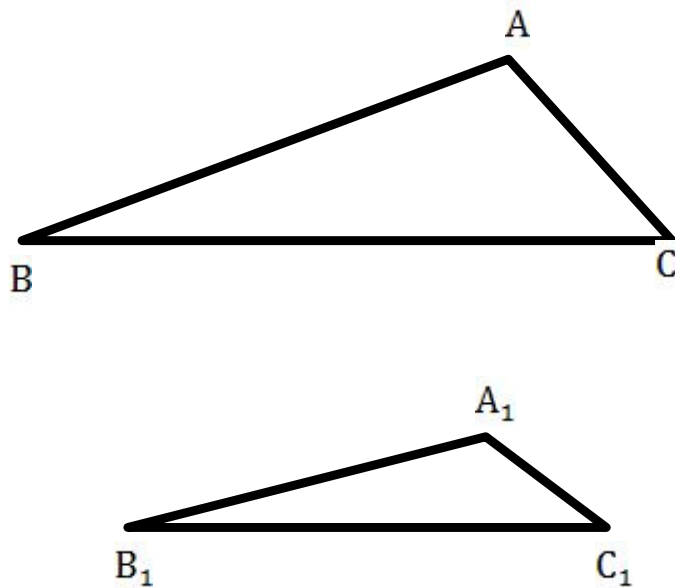


$$\frac{AB}{A_1B_1} = \frac{BC}{B_1C_1} = \frac{AC}{A_1C_1}$$

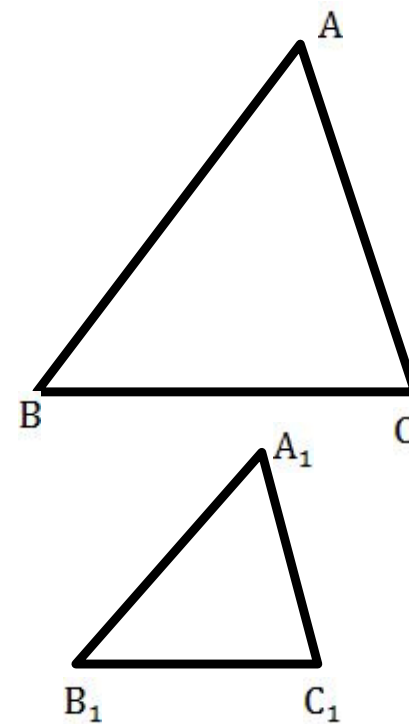
1 группа



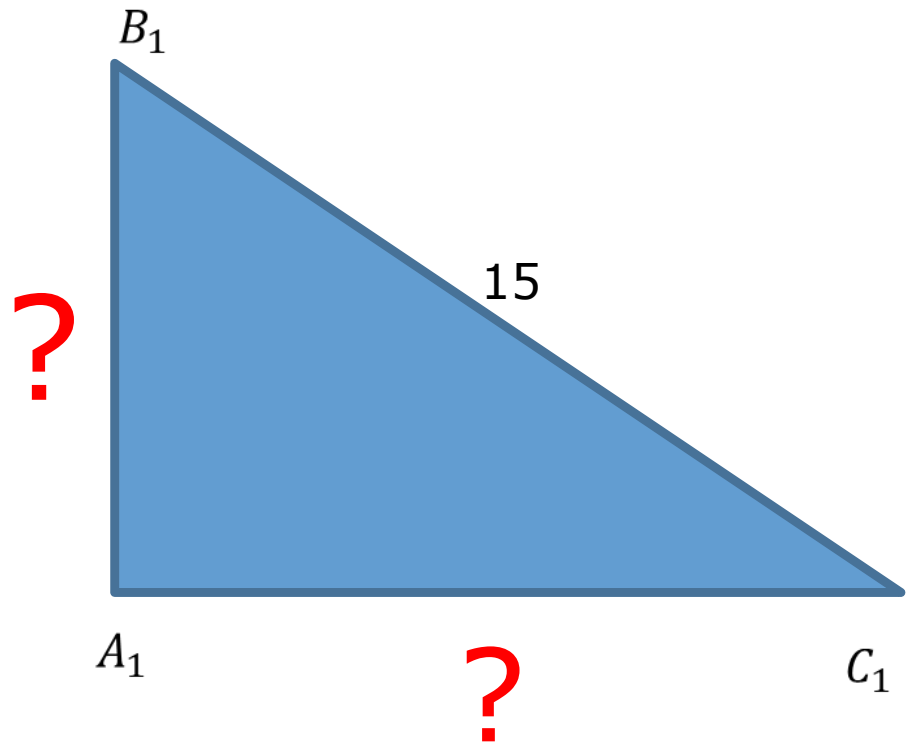
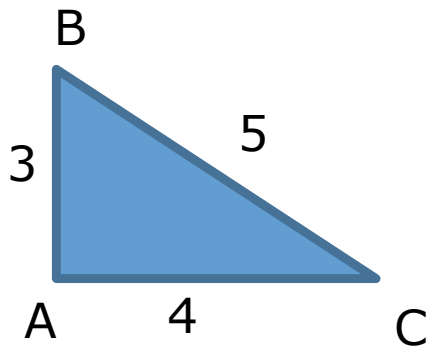
2 группа

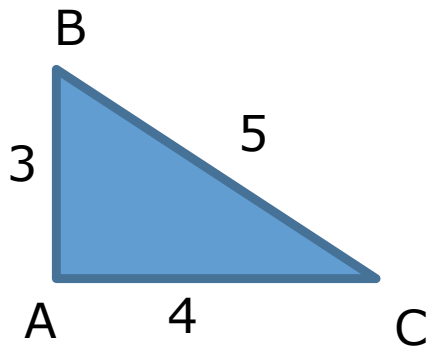


3 группа

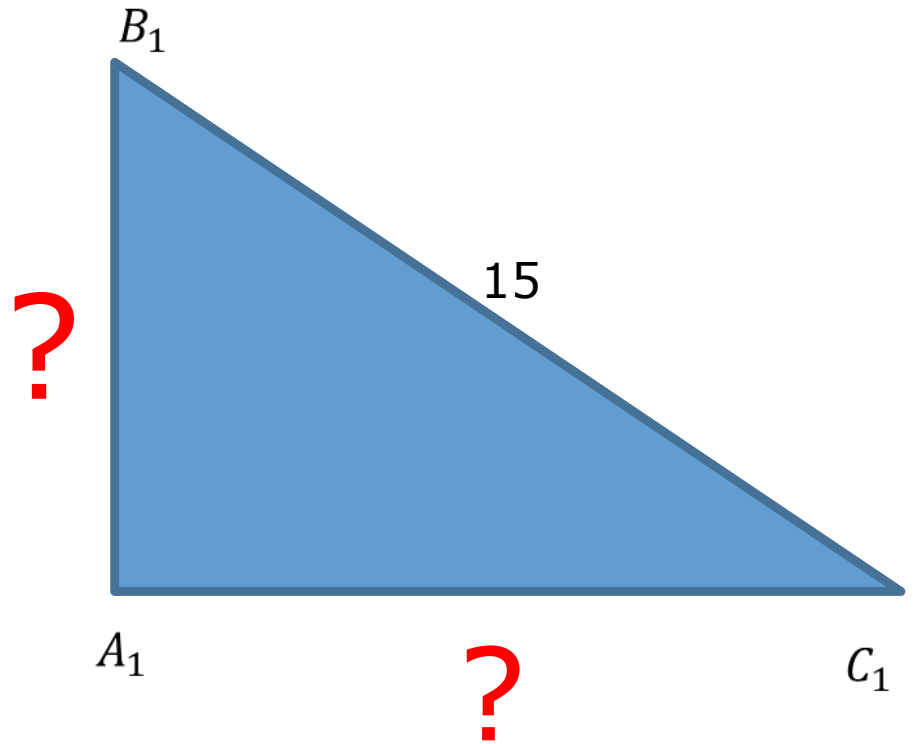


$$\frac{AB}{A_1B_1} = \frac{BC}{B_1C_1} = \frac{AC}{A_1C_1} = \mathbf{k}$$

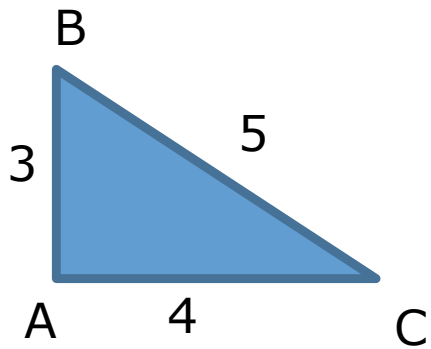




$$\frac{AB}{A_1B_1} = \frac{BC}{B_1C_1}$$

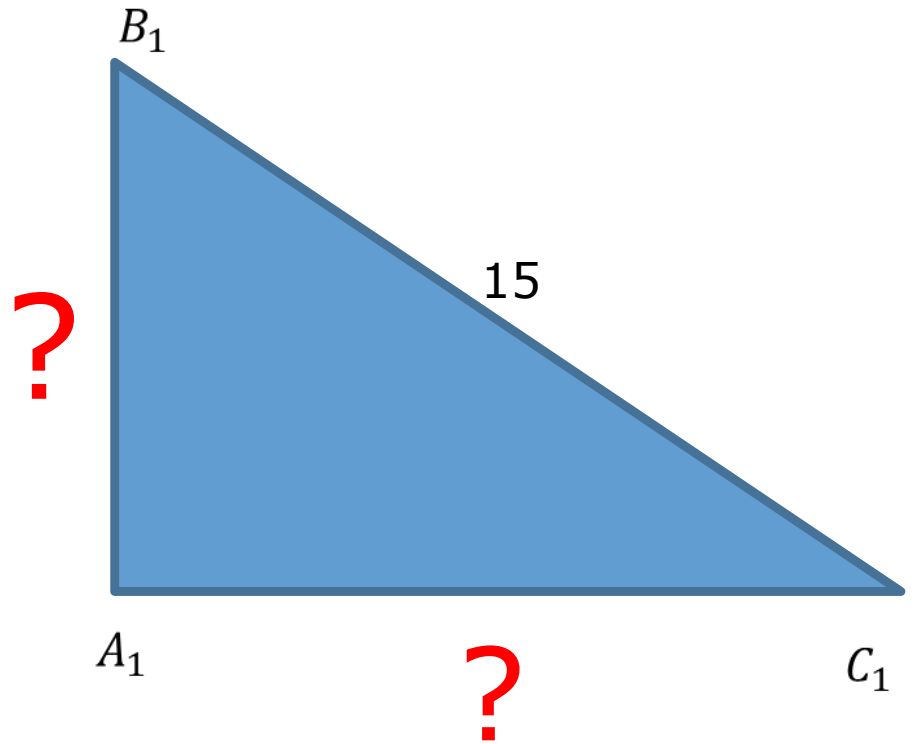


$$\frac{AB}{A_1B_1} = \frac{AC}{A_1C_1}$$



$$\frac{AB}{A_1B_1} = \frac{BC}{B_1C_1}$$

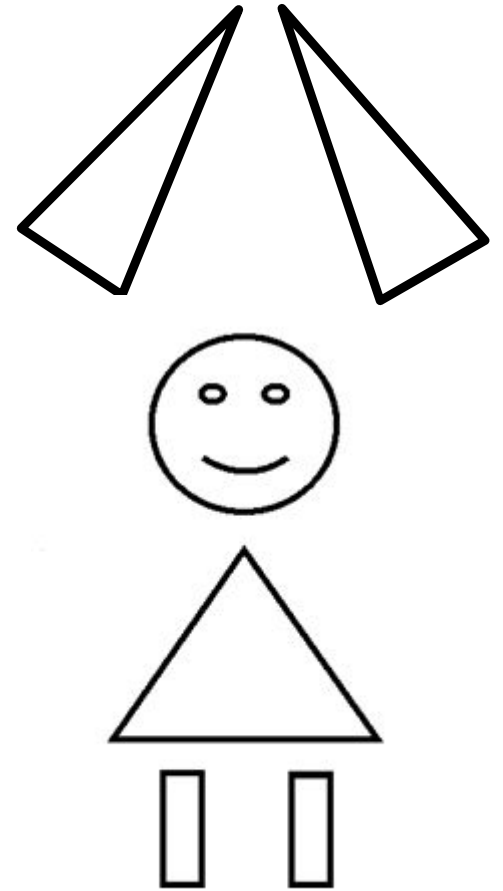
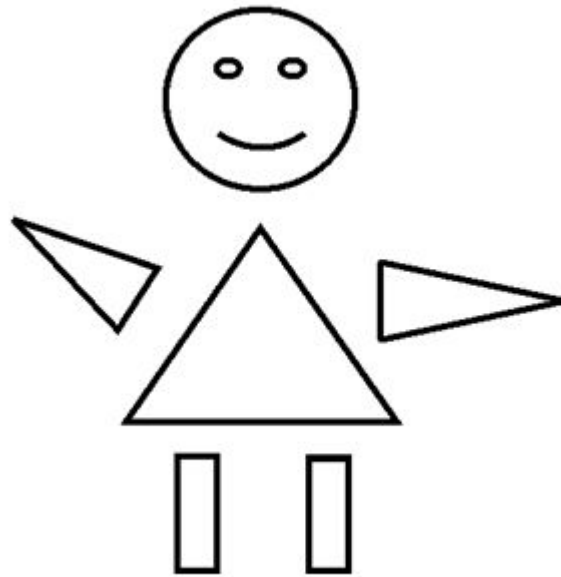
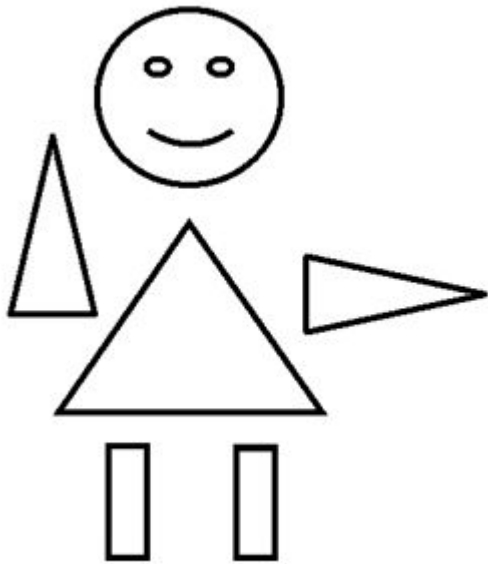
$$A_1B_1 = 9$$



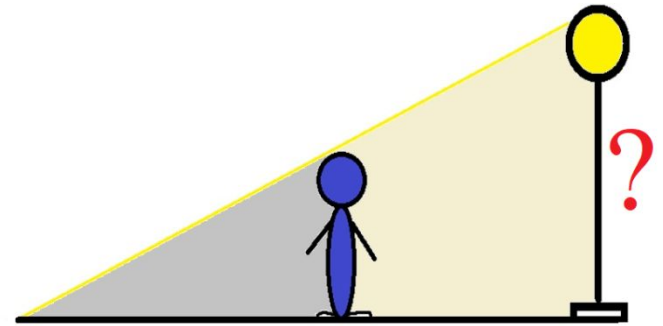
$$\frac{AB}{A_1B_1} = \frac{AC}{A_1C_1}$$

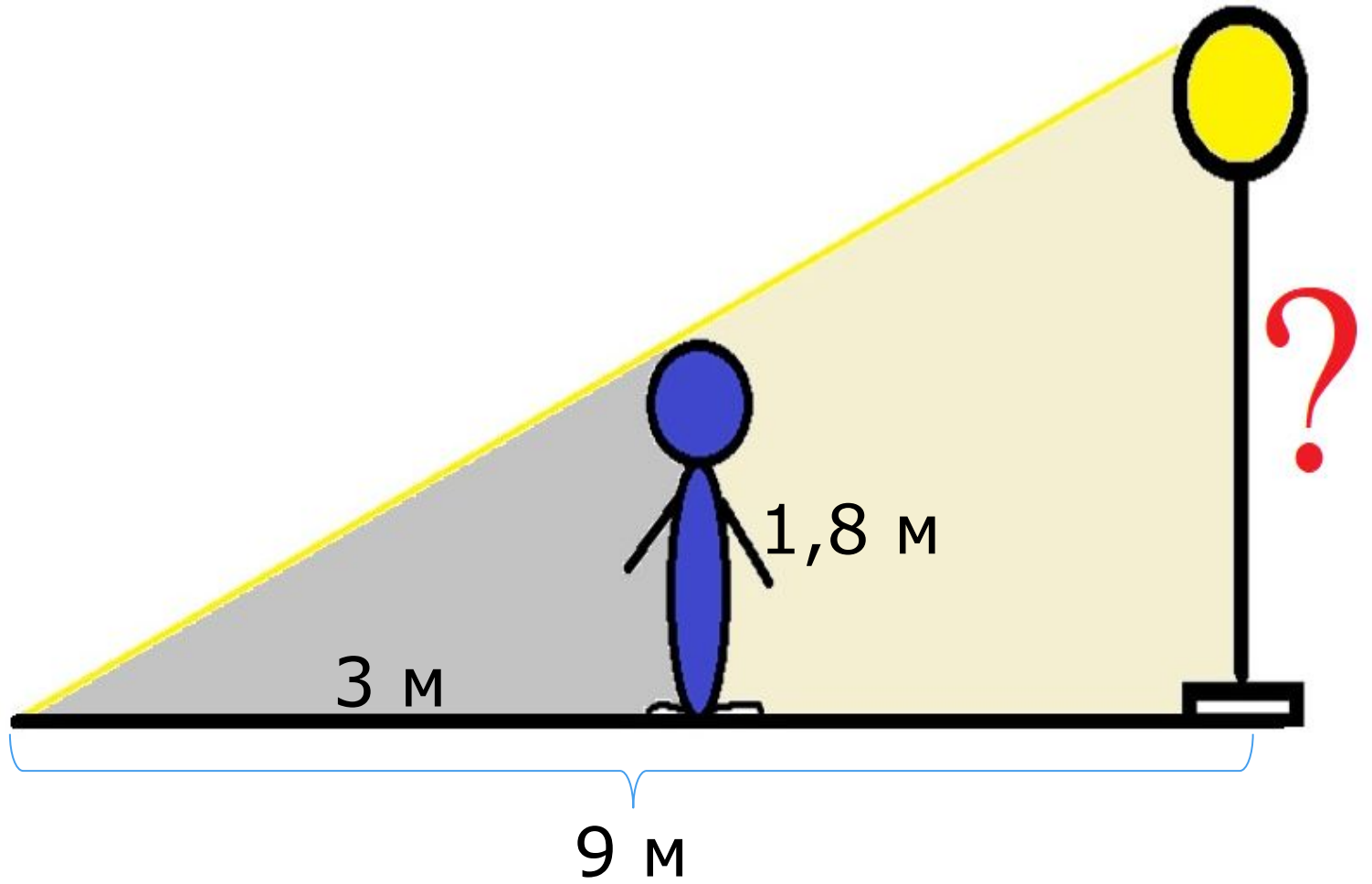
$$A_1C_1 = 12$$

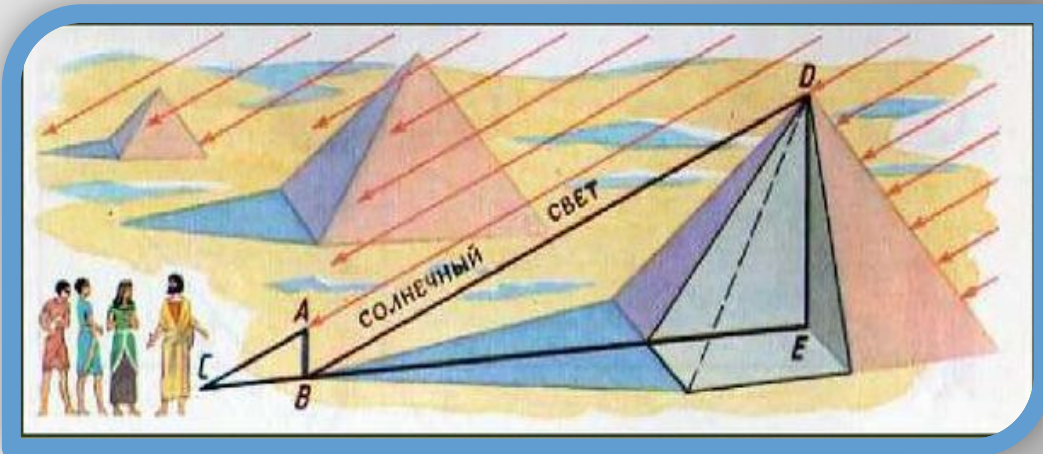












фотопечат  
ь



## ИСПОЛЬЗОВАНИЕ ПОДОБИЯ

медицина  
и биология

киносъемк  
а



проецирован  
ие



астроном  
ия





# Подобные треугольники