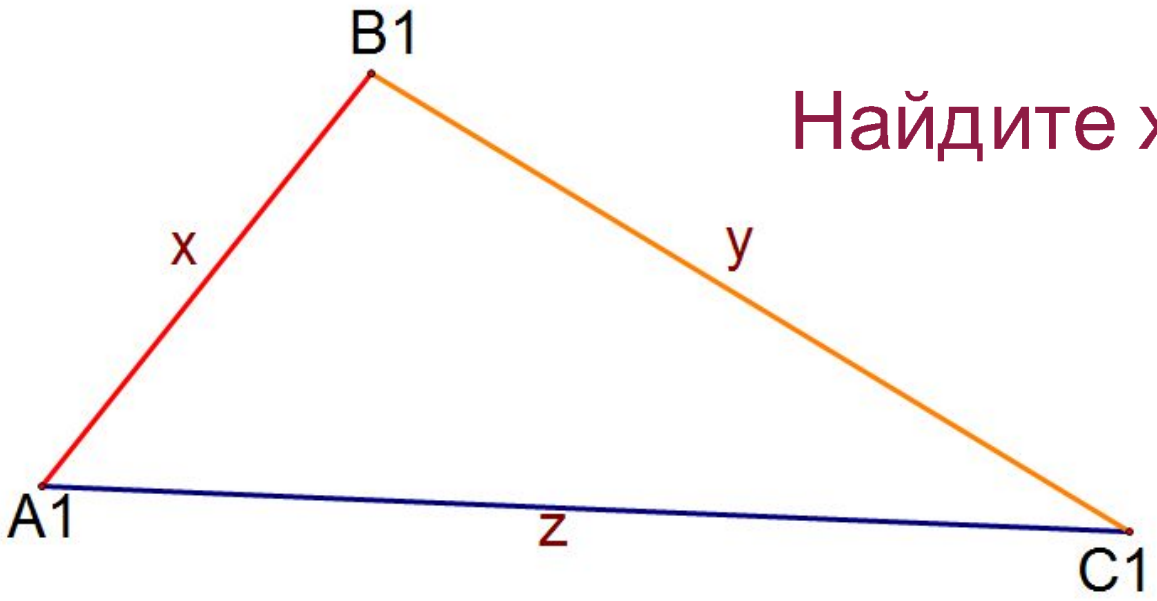
ЗАДАЧИ НА ПРИМЕНЕНИЕ ПРИЗНАКОВ ПОДОБИЯ ТРЕУГОЛЬНИКОВ

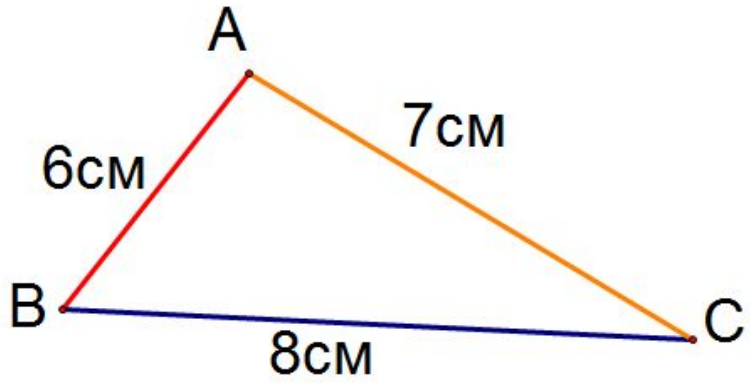
Составитель: Боросгоева Д.Д.
Школа-интернат №22 ОАО «РЖД»

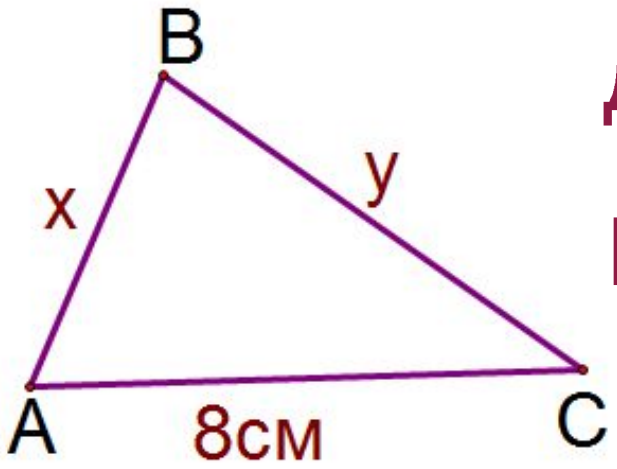
Дано: $\Delta ABC \sim \Delta A_1B_1C_1$

$$\frac{A_1B_1}{AB}=2$$

Найдите x, y, z

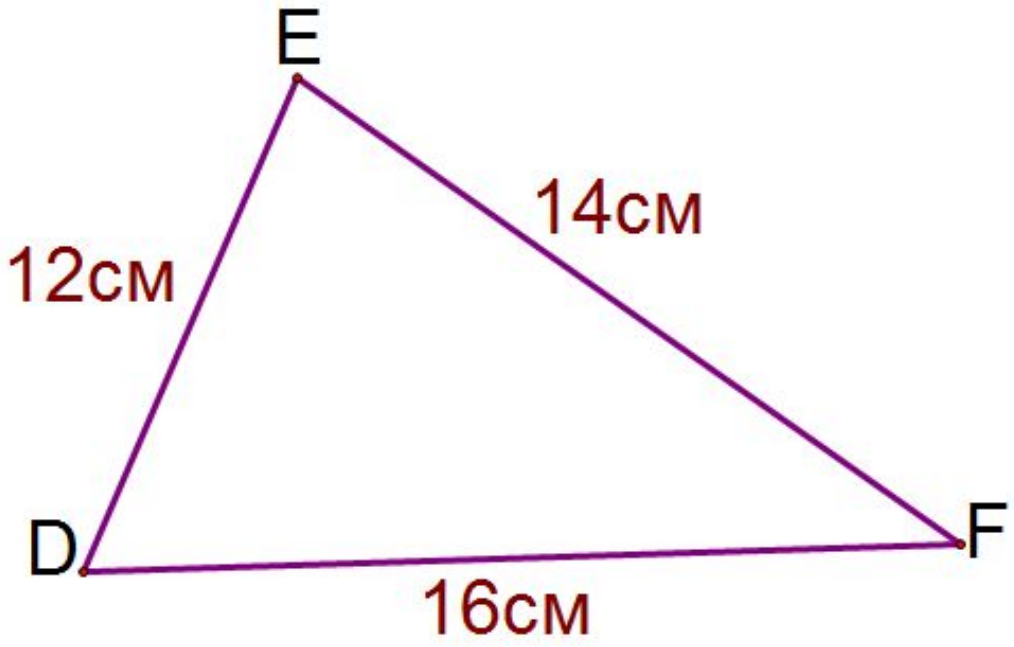






Дано: $\Delta ABC \sim \Delta A_1B_1C_1$

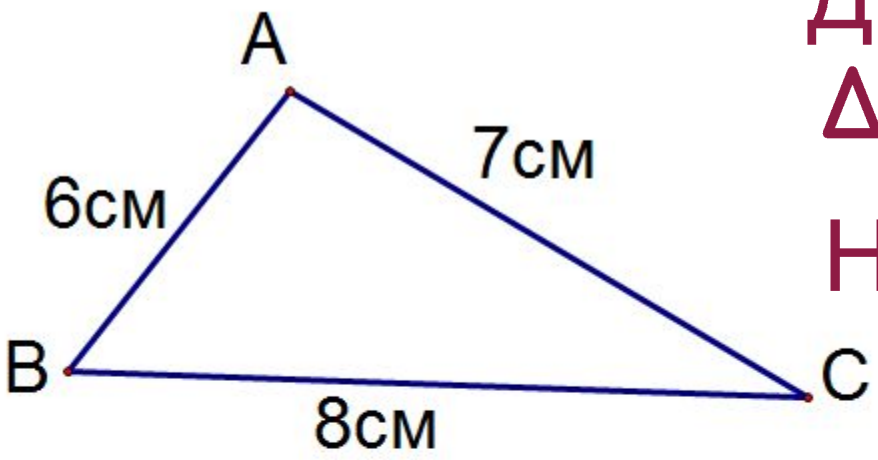
Найдите x, y, z

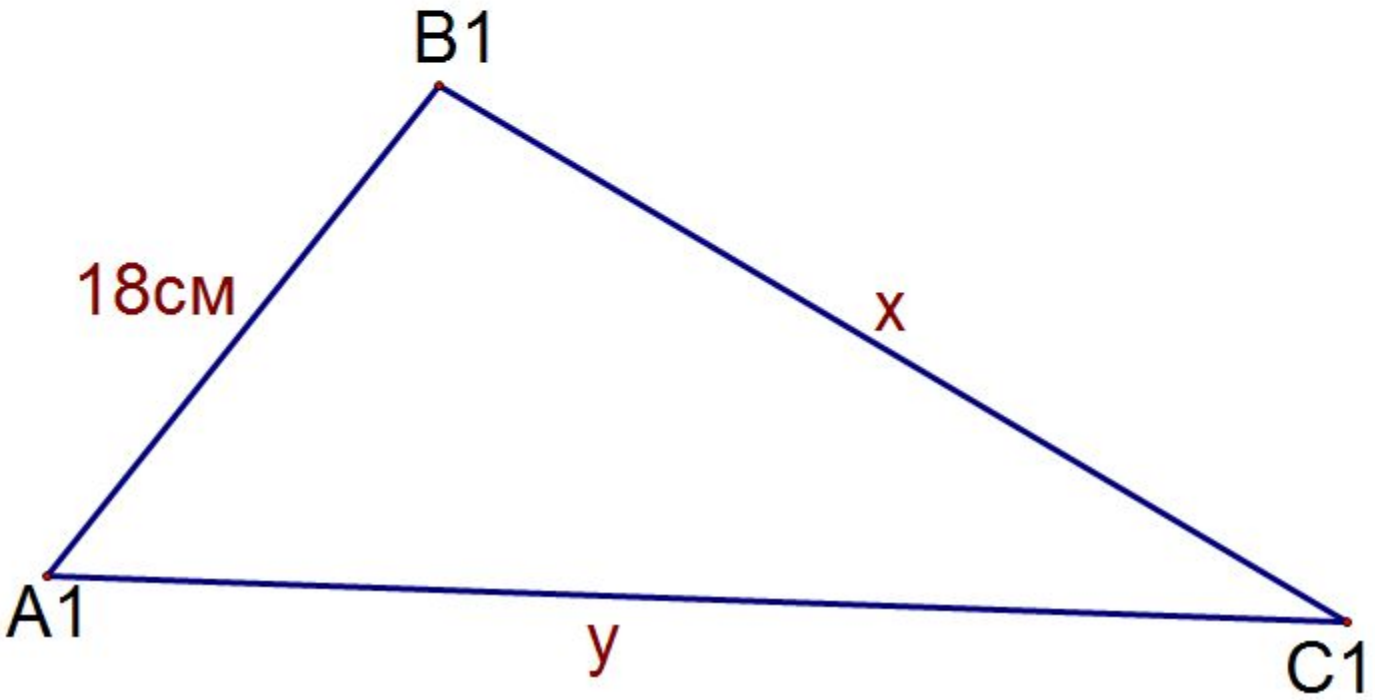


Дано:

$\Delta ABC \sim \Delta A_1B_1C_1$

Найдите x, y, z

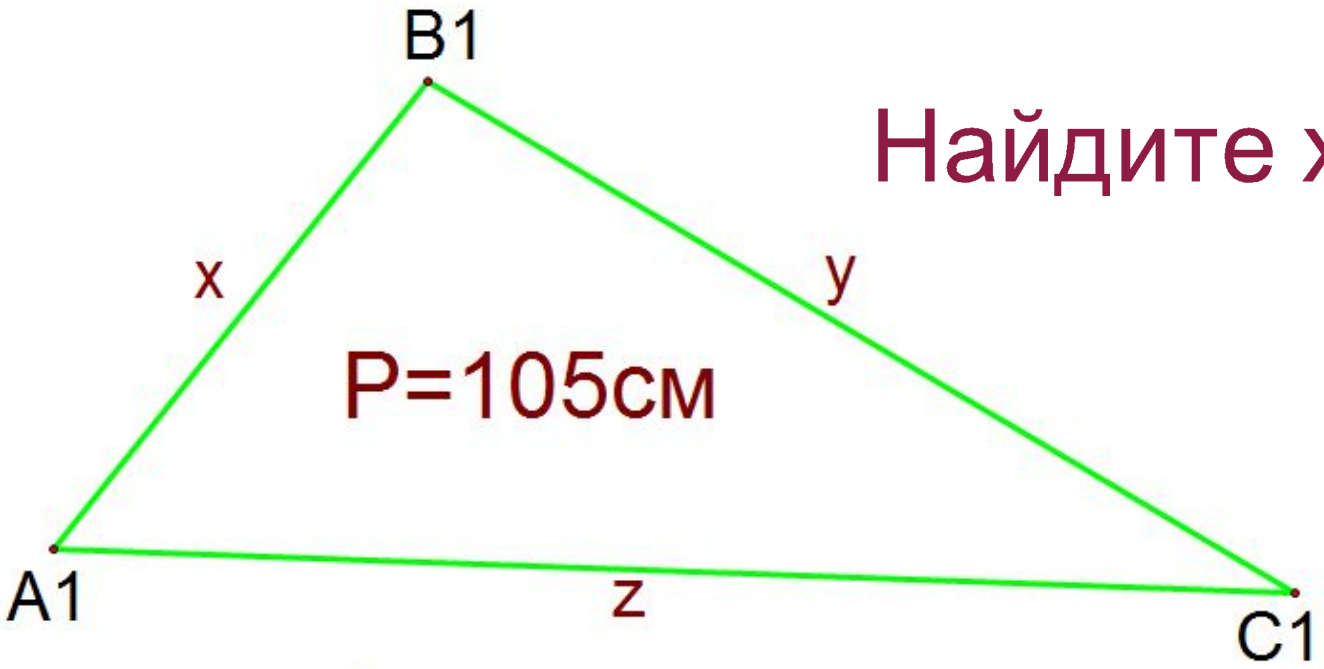


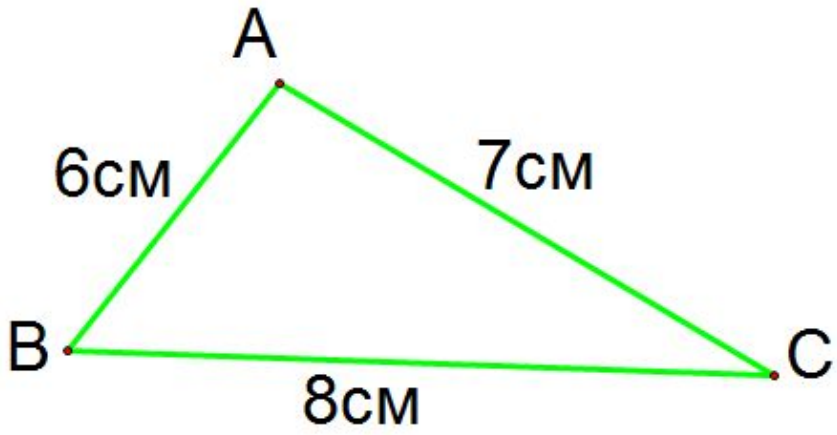


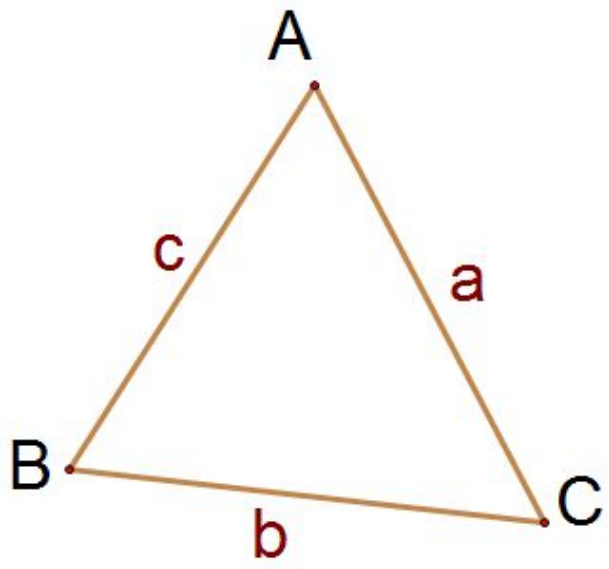
Дано:

$\Delta ABC \sim \Delta A_1B_1C_1$

Найдите x, y, z





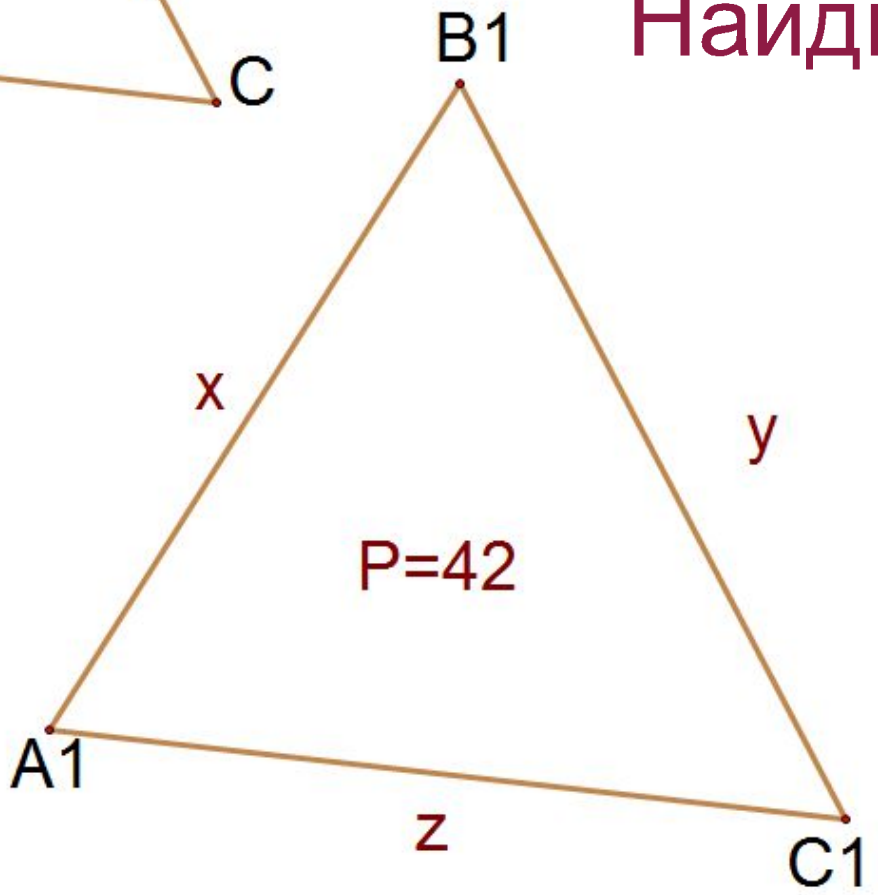


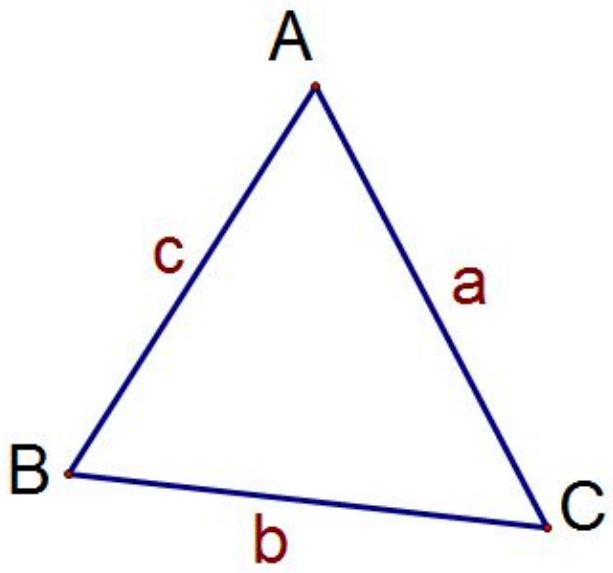
Дано:

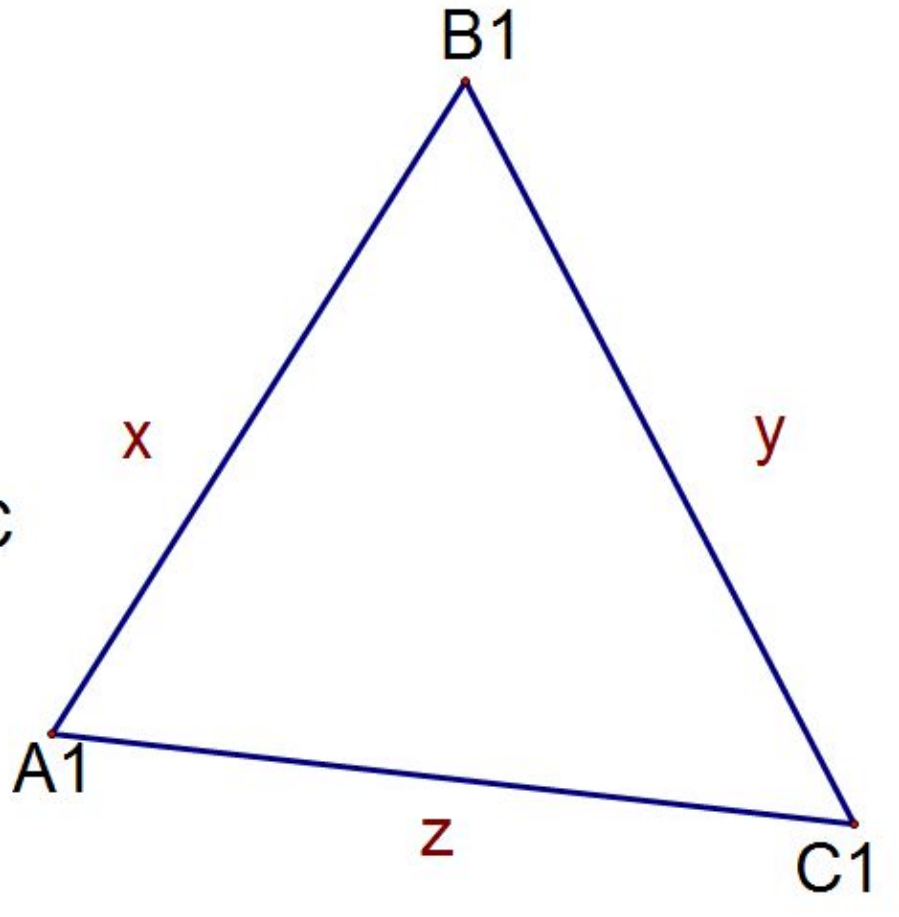
$\Delta ABC \sim \Delta A_1B_1C_1$

$c:a:b=6:7:8$

Найдите x, y, z







Дано:

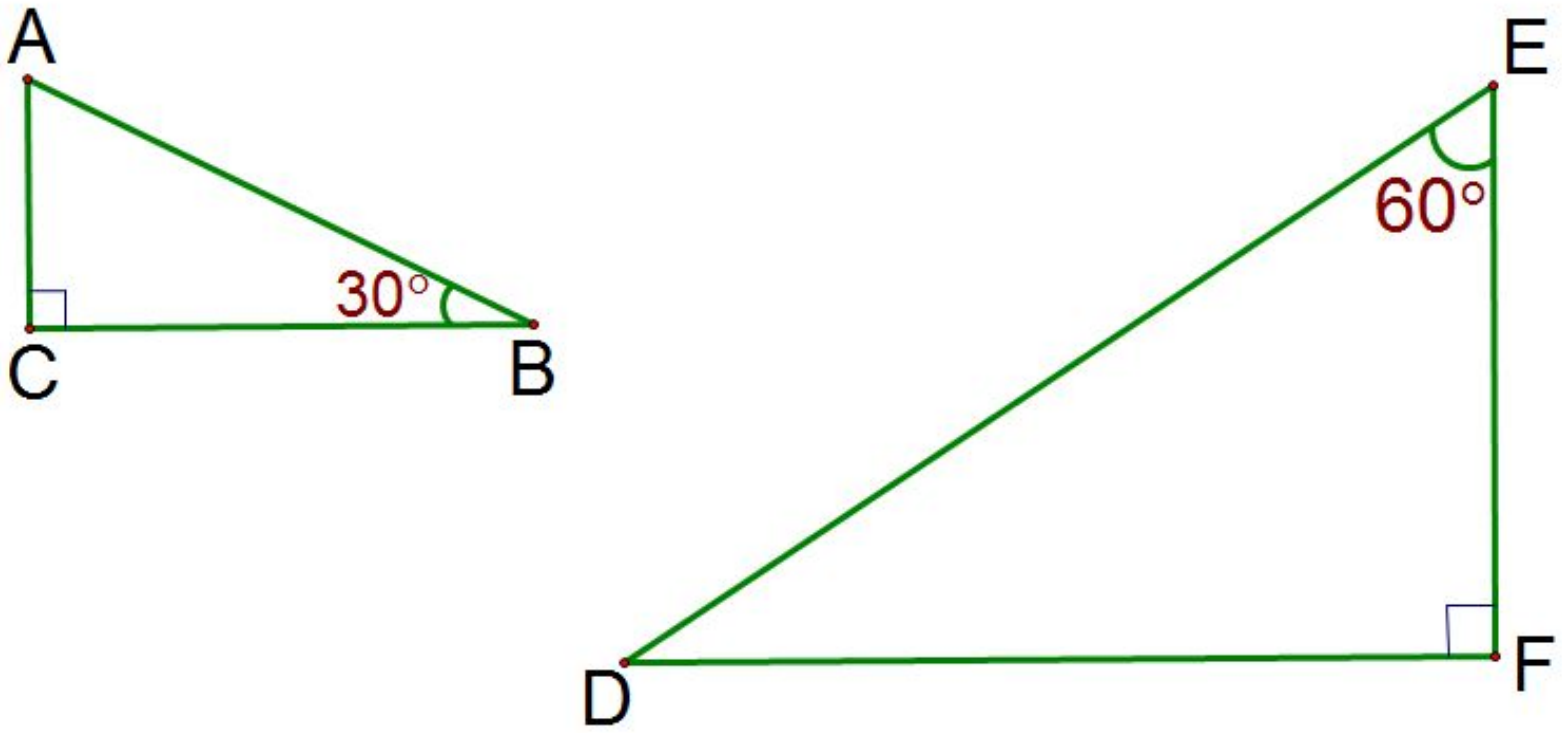
$\Delta ABC \sim \Delta A_1B_1C_1$

Найдите x, y, z, если

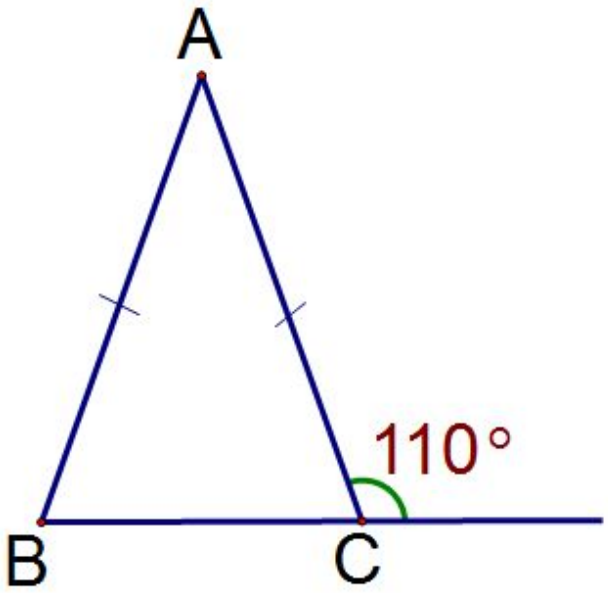
c:a:b=6:7:8

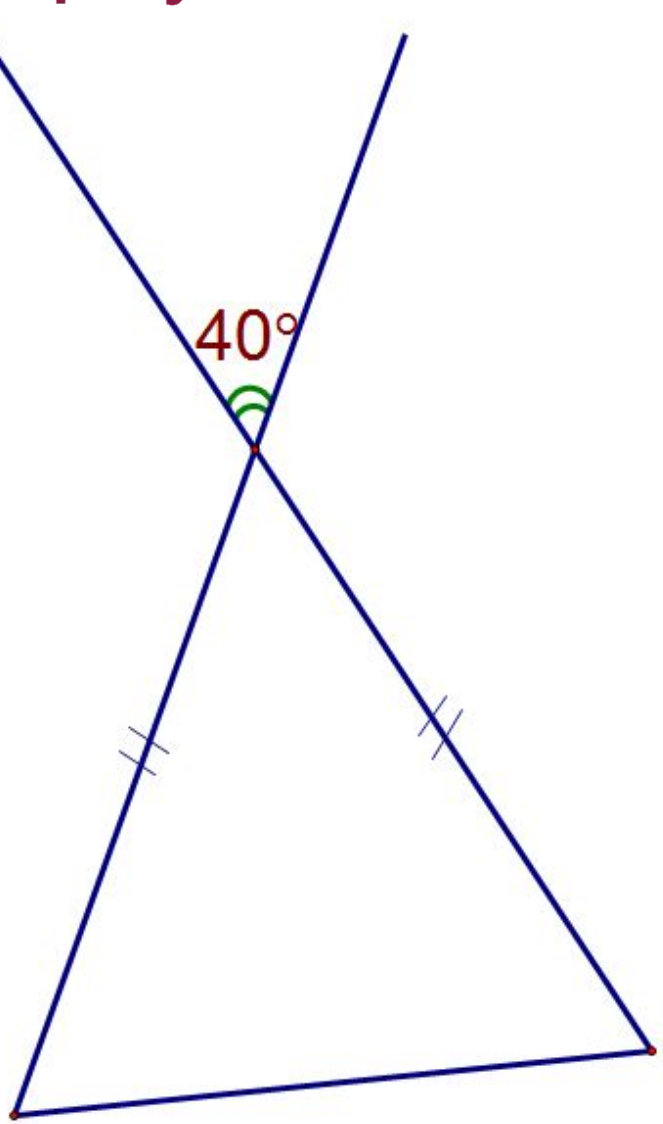
y-x=4см

Докажите подобие треугольников

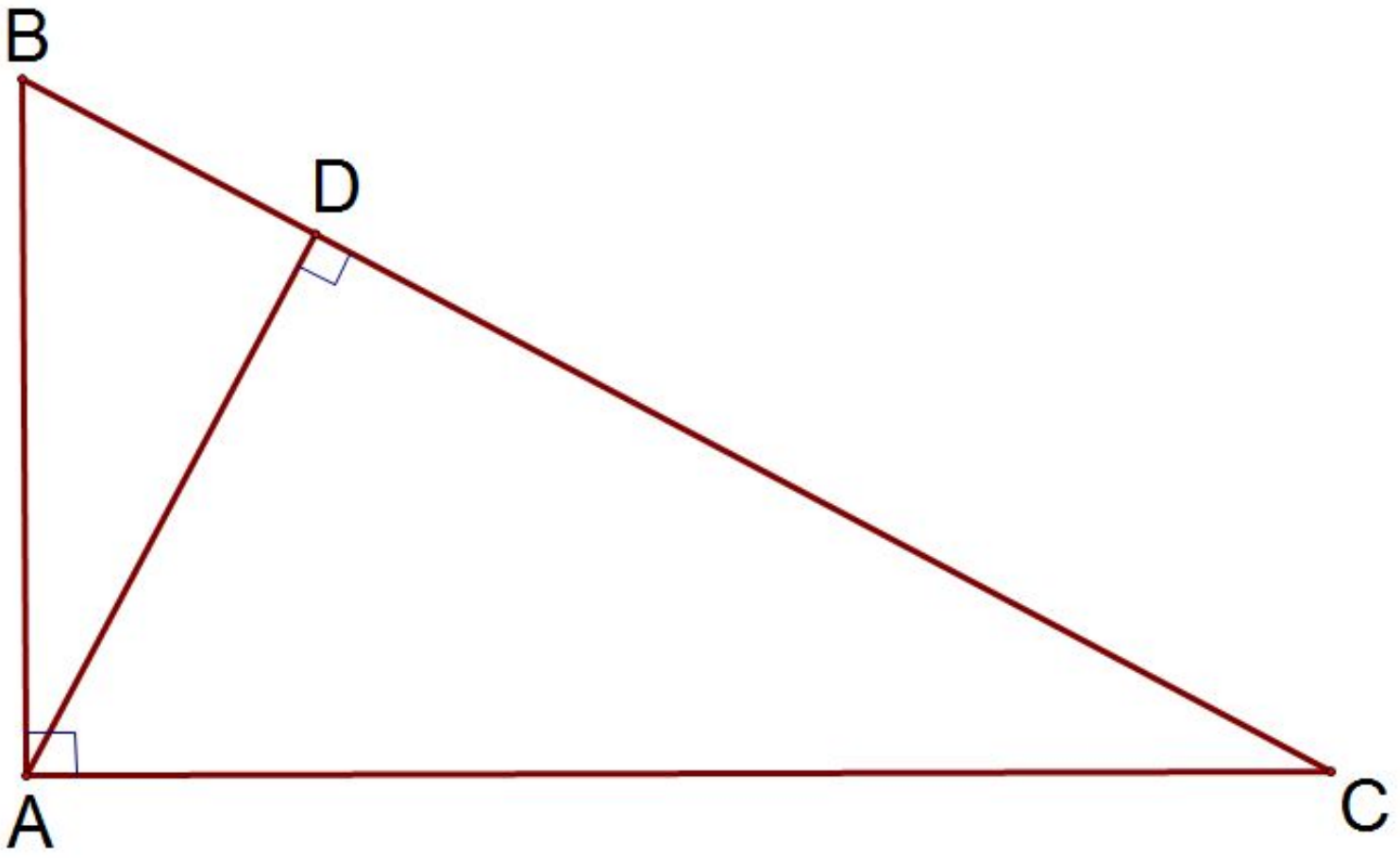


Докажите подобие треугольников





НАЙДИТЕ ПАРЫ ПОДОБНЫХ ТРЕУГОЛЬНИКОВ И ДОКАЖИТЕ ИХ ПОДОБИЕ



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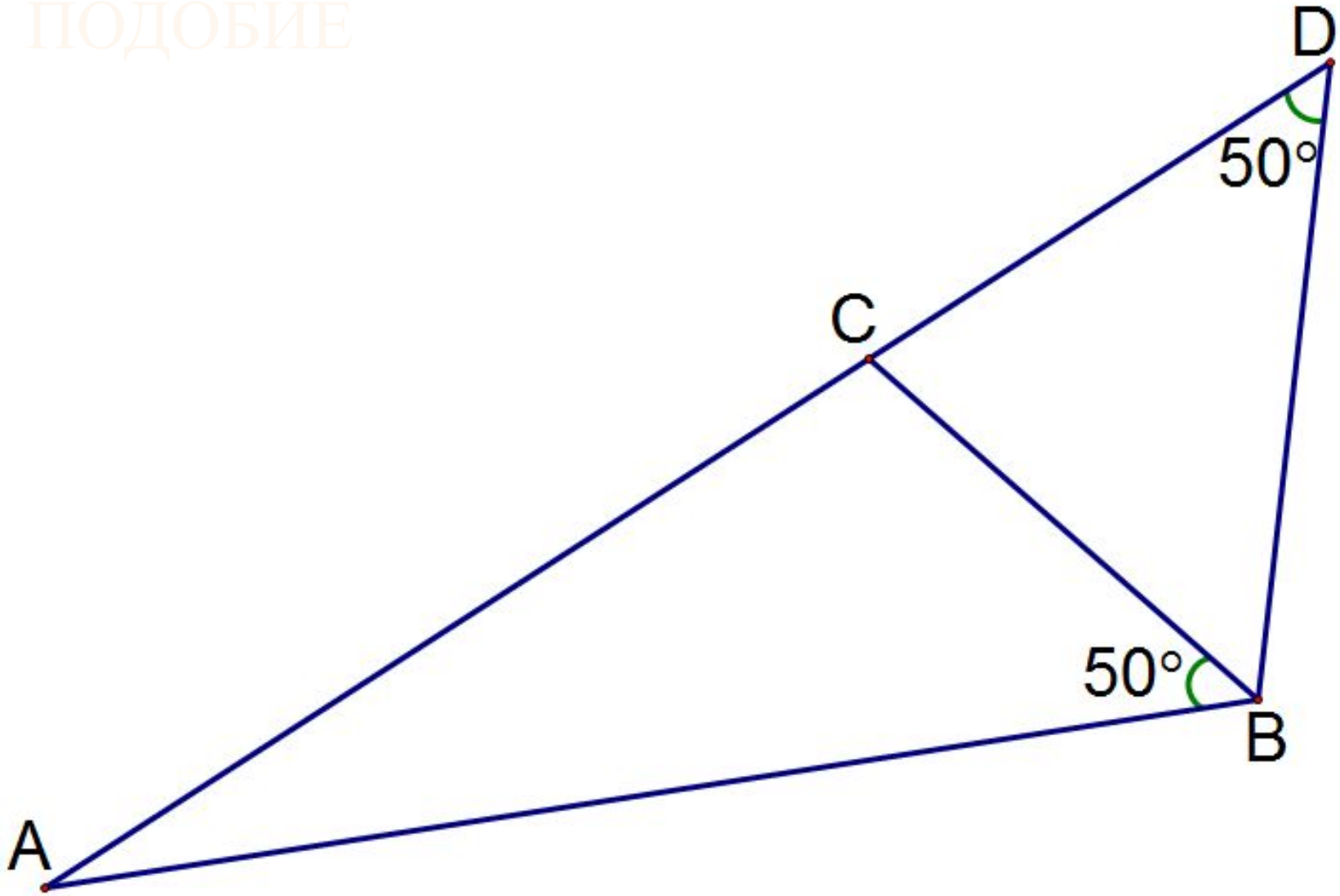
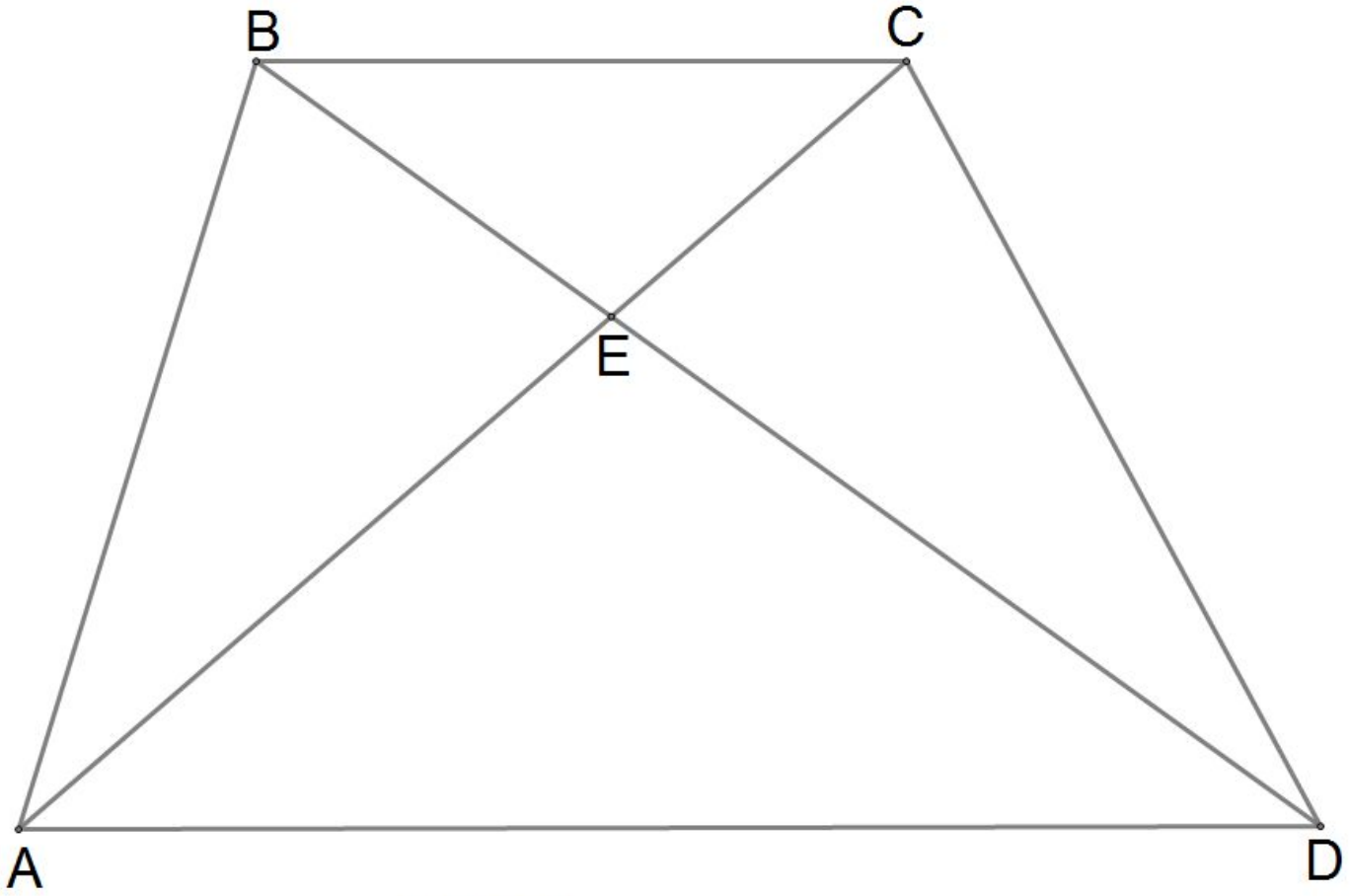
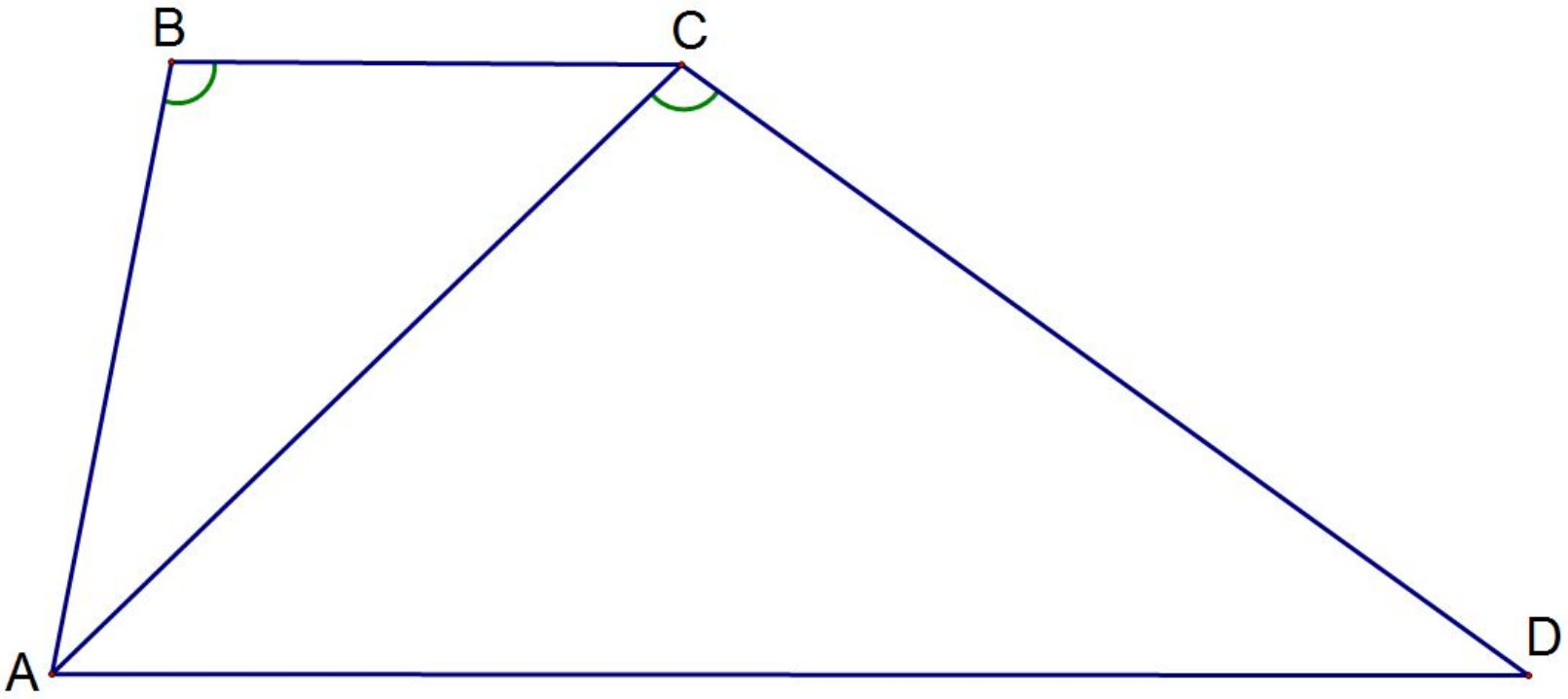


НАЙДИТЕ ПАРЫ ПОДОБНЫХ ТРЕУГОЛЬНИКОВ И ДОКАЖИТЕ ИХ ПОДОБИЕ



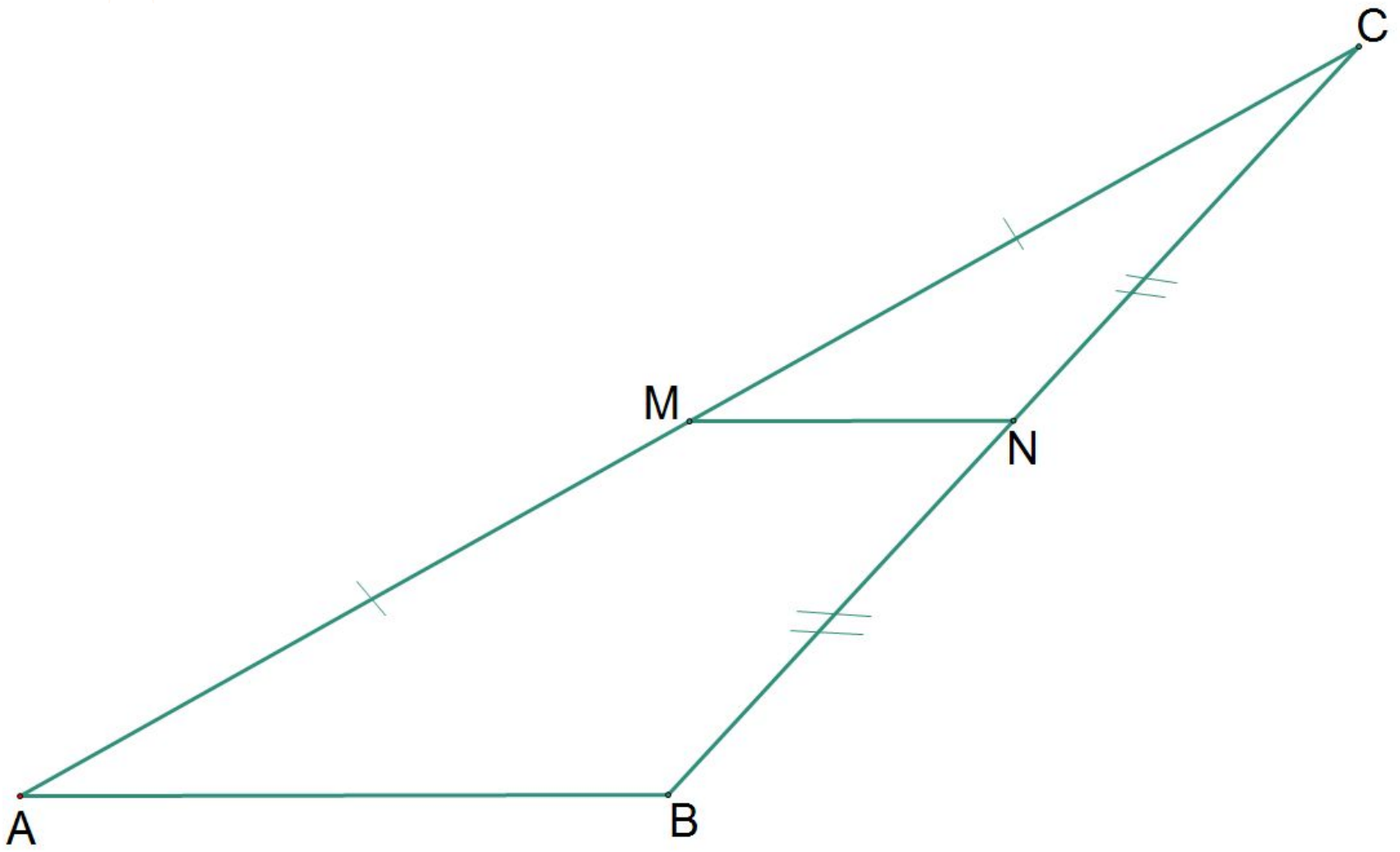
ABCD - трапеция

НАЙДИТЕ ПАРЫ ПОДОБНЫХ ТРЕУГОЛЬНИКОВ И ДОКАЖИТЕ ИХ ПОДОБИЕ

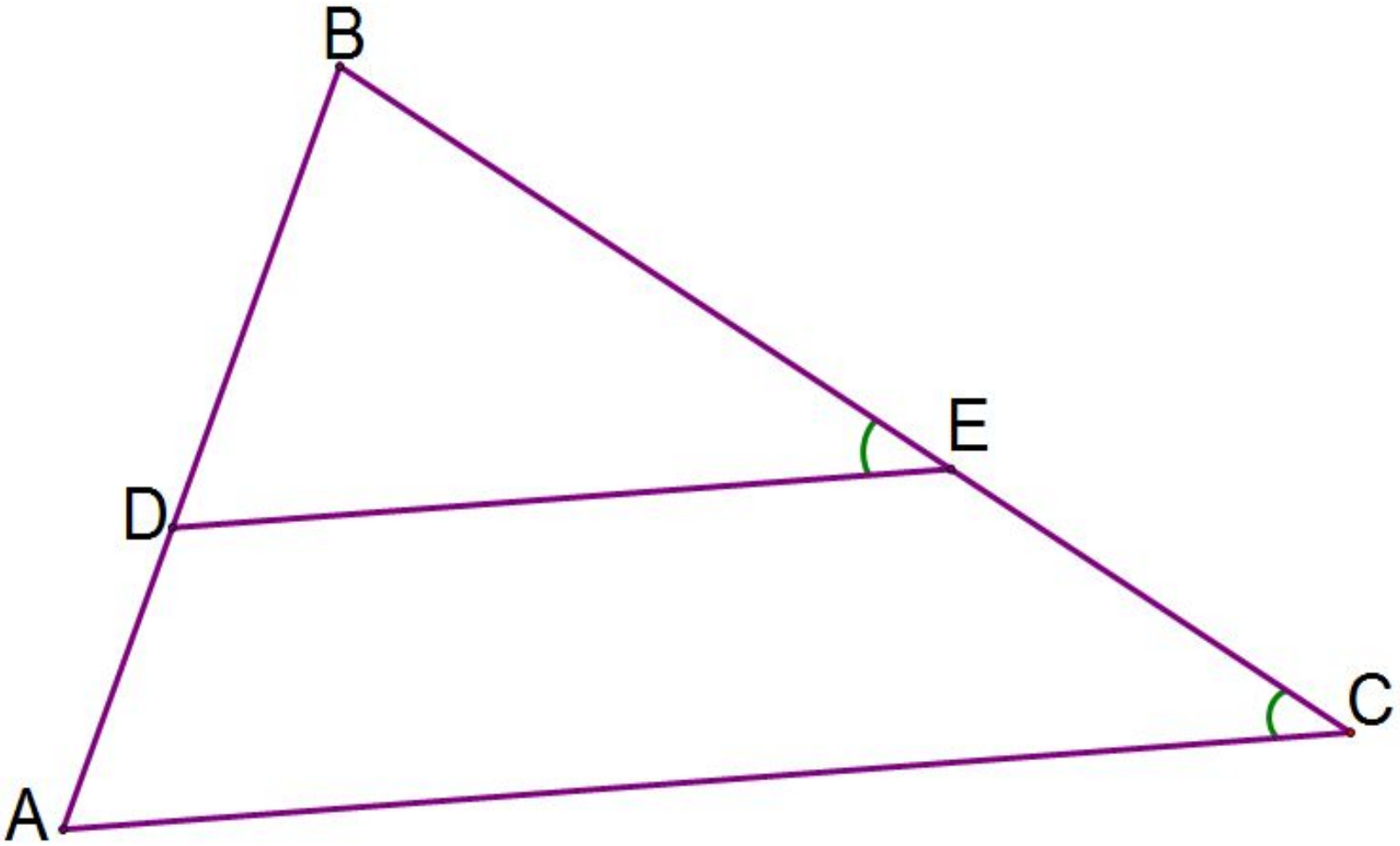


ABCD - трапеция

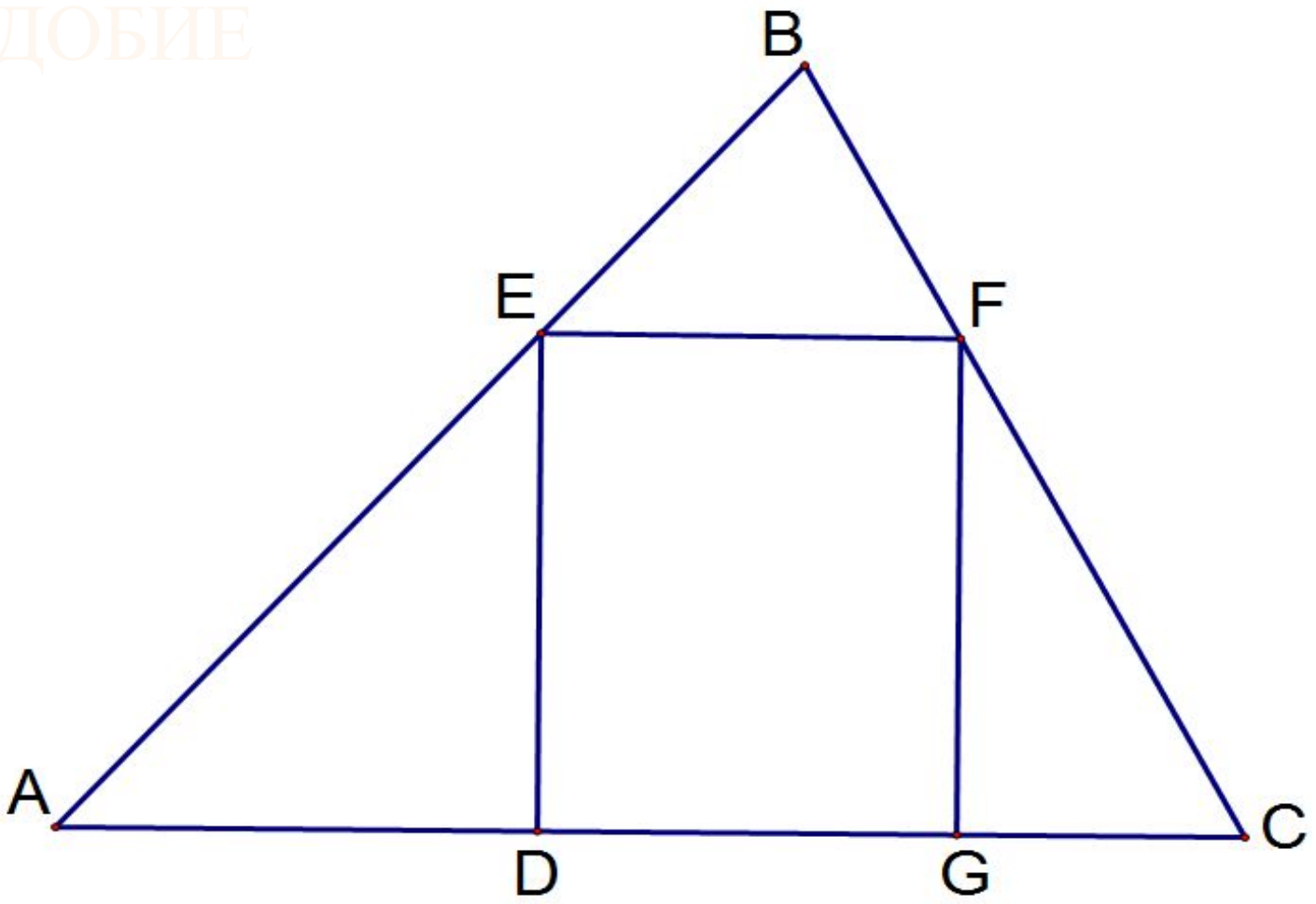
НАЙДИТЕ ПАРЫ ПОДОБНЫХ ТРЕУГОЛЬНИКОВ И ДОКАЖИТЕ ИХ ПОДОБИЕ



НАЙДИТЕ ПАРЫ ПОДОБНЫХ ТРЕУГОЛЬНИКОВ И ДОКАЖИТЕ ИХ ПОДОБИЕ

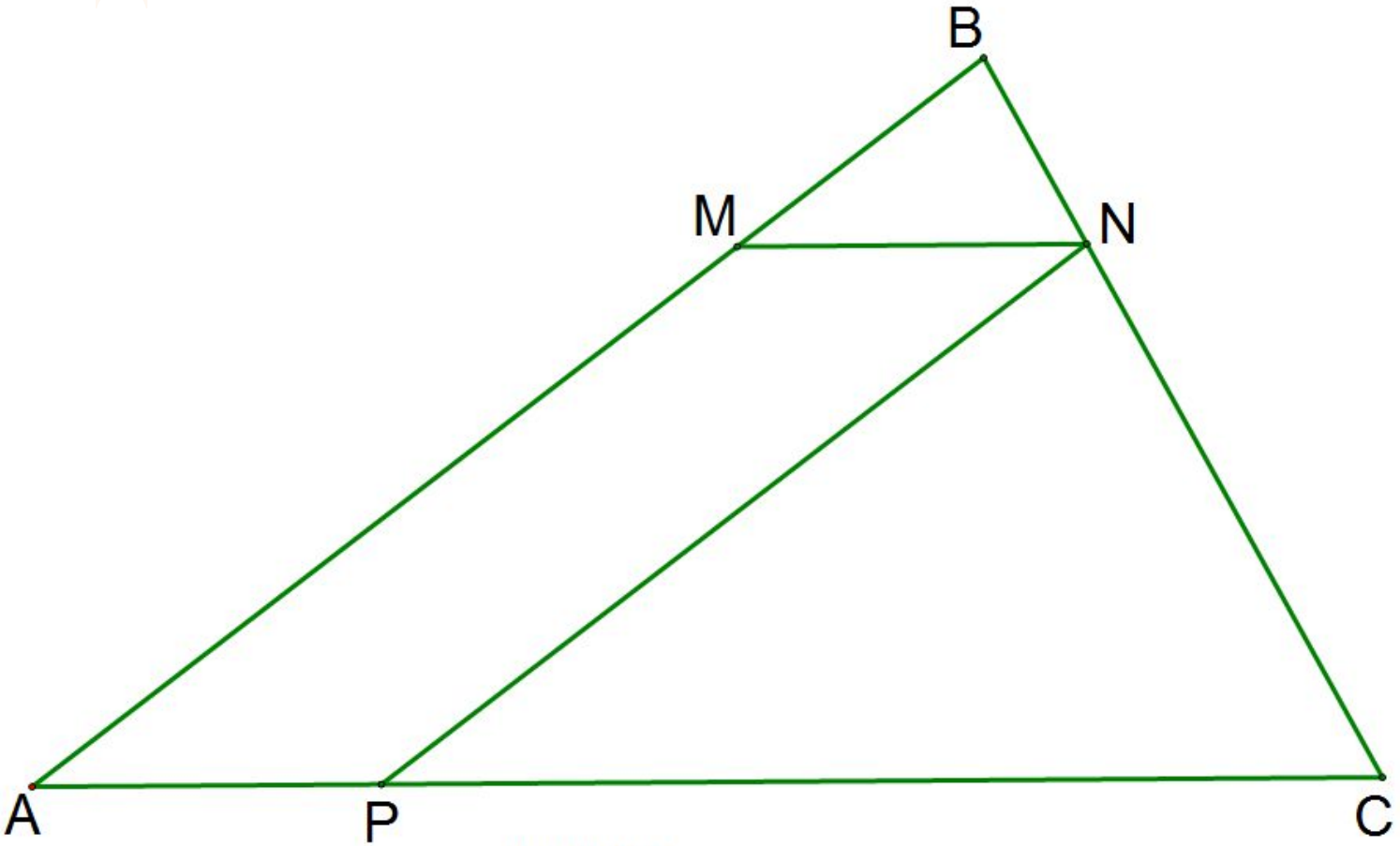


НАЙДИТЕ ПАРЫ ПОДОБНЫХ ТРЕУГОЛЬНИКОВ И ДОКАЖИТЕ ИХ ПОДОБИЕ



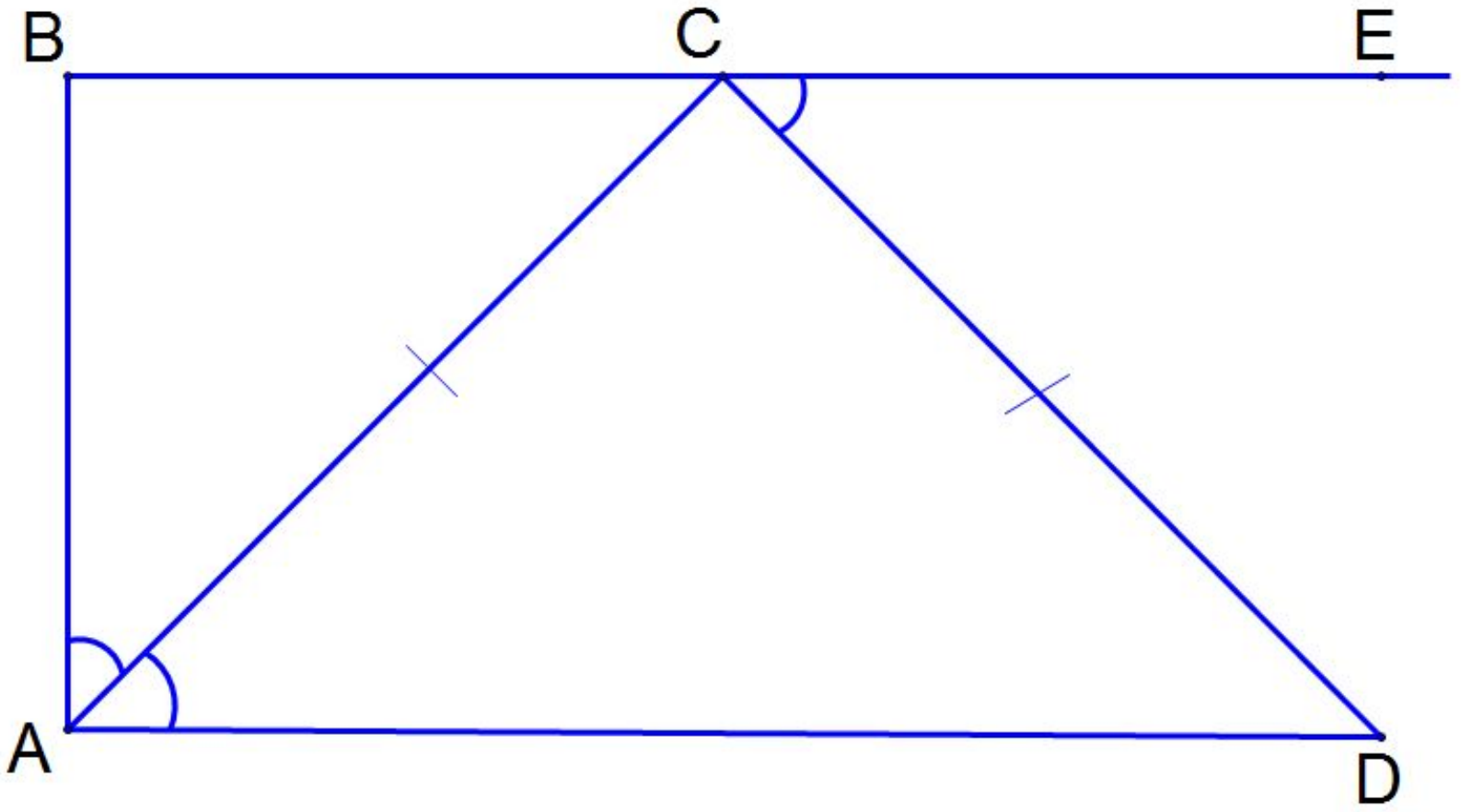
DEFG - прямоугольник

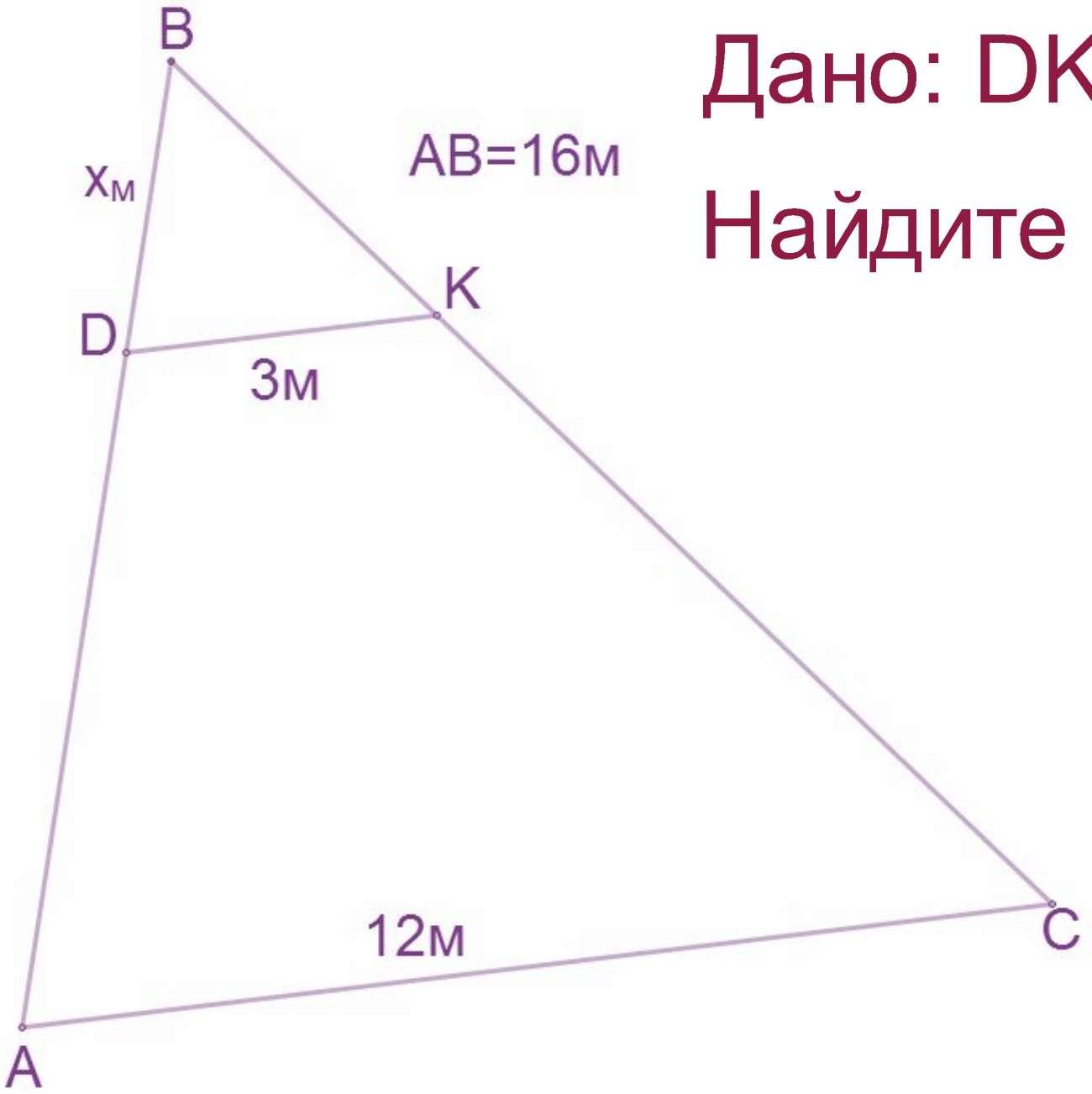
НАЙДИТЕ ПАРЫ ПОДОБНЫХ ТРЕУГОЛЬНИКОВ И ДОКАЖИТЕ ИХ ПОДОБИЕ



AMNP - параллелограмм

НАЙДИТЕ ПАРЫ ПОДОБНЫХ ТРЕУГОЛЬНИКОВ И ДОКАЖИТЕ ИХ ПОДОБИЕ





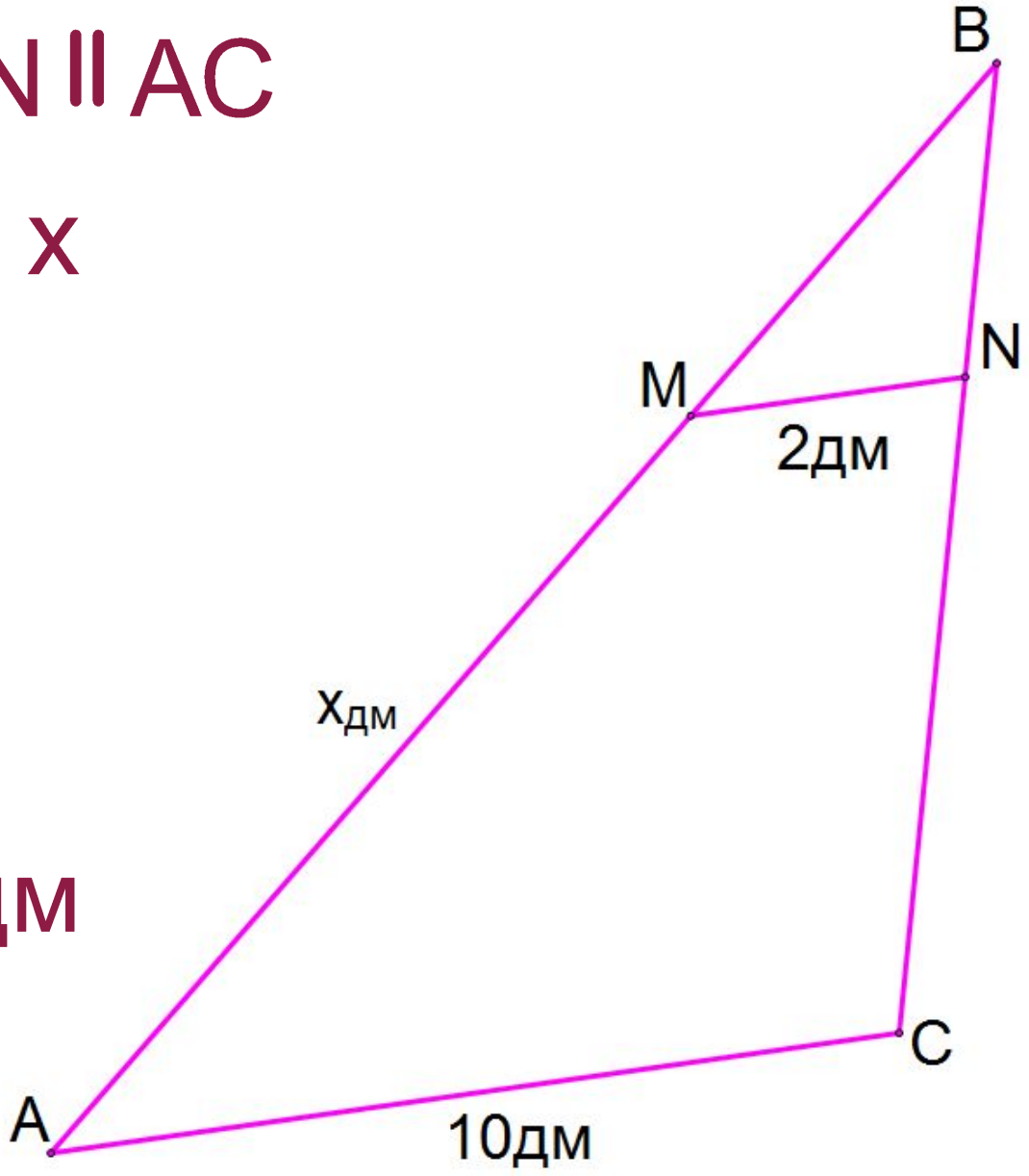
Дано: DK ∥ AC

Найдите x

Дано: MN ∥ AC

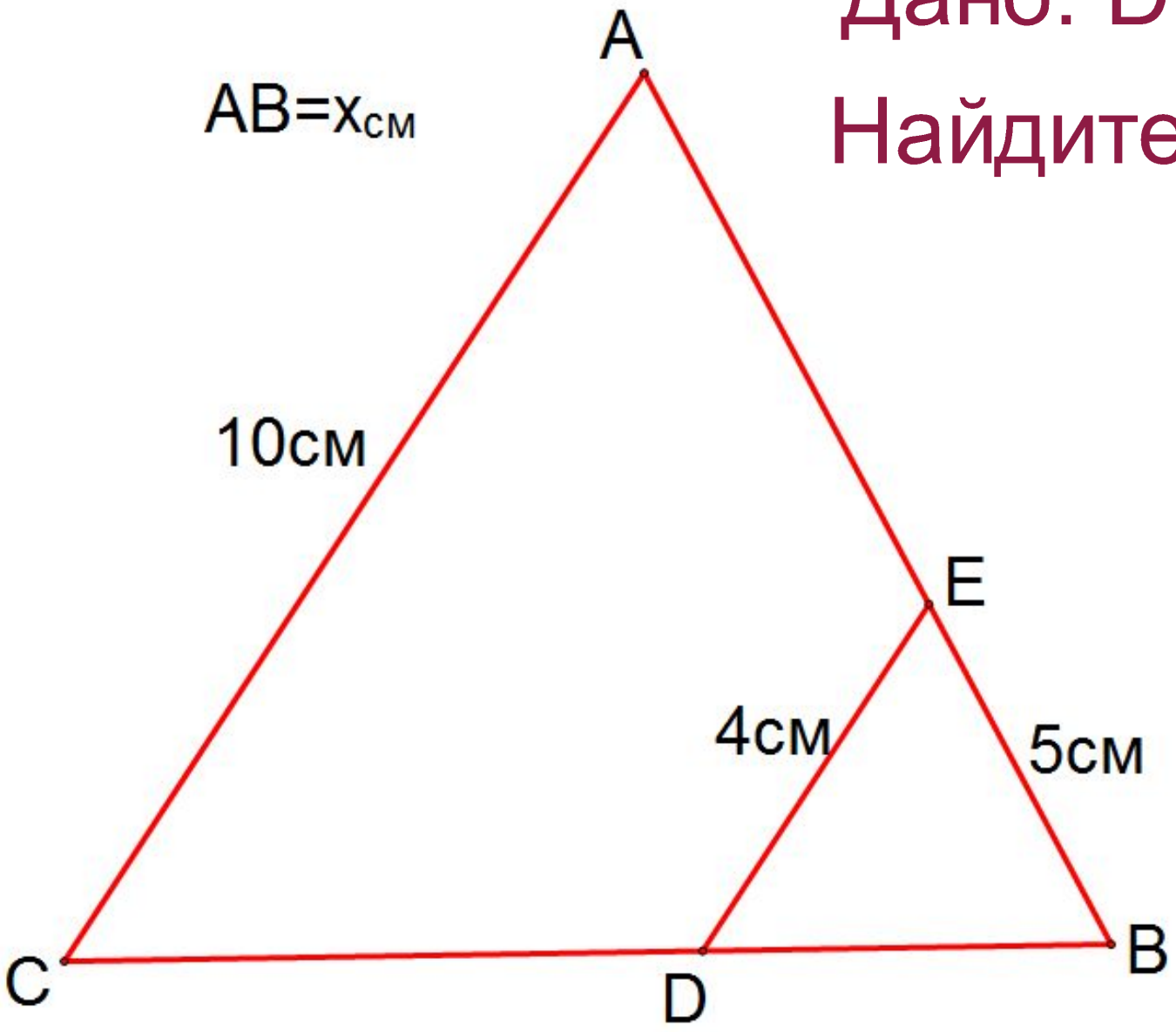
Найдите x

AB=20дм



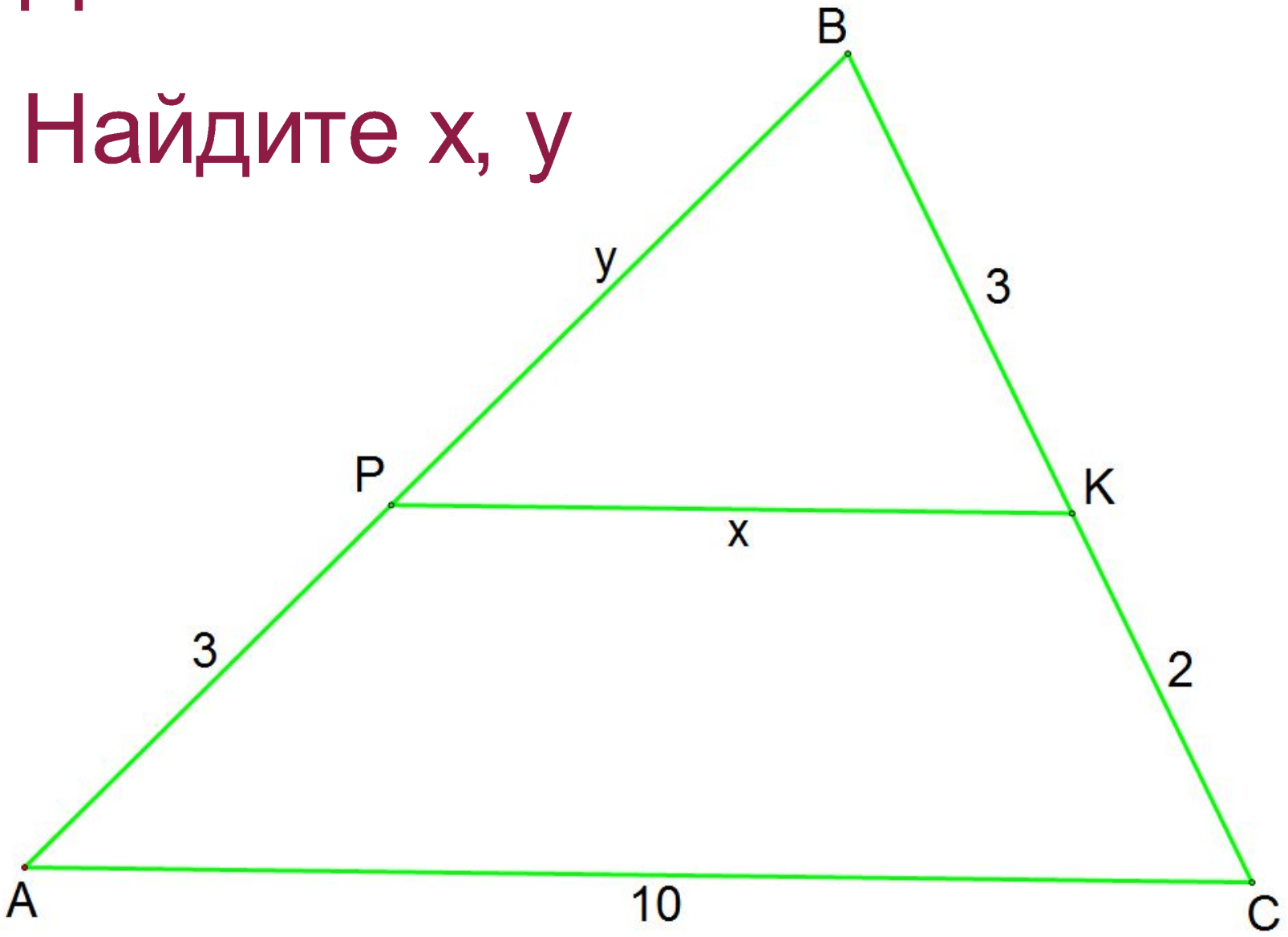
Дано: DE ∥ AC

Найдите x



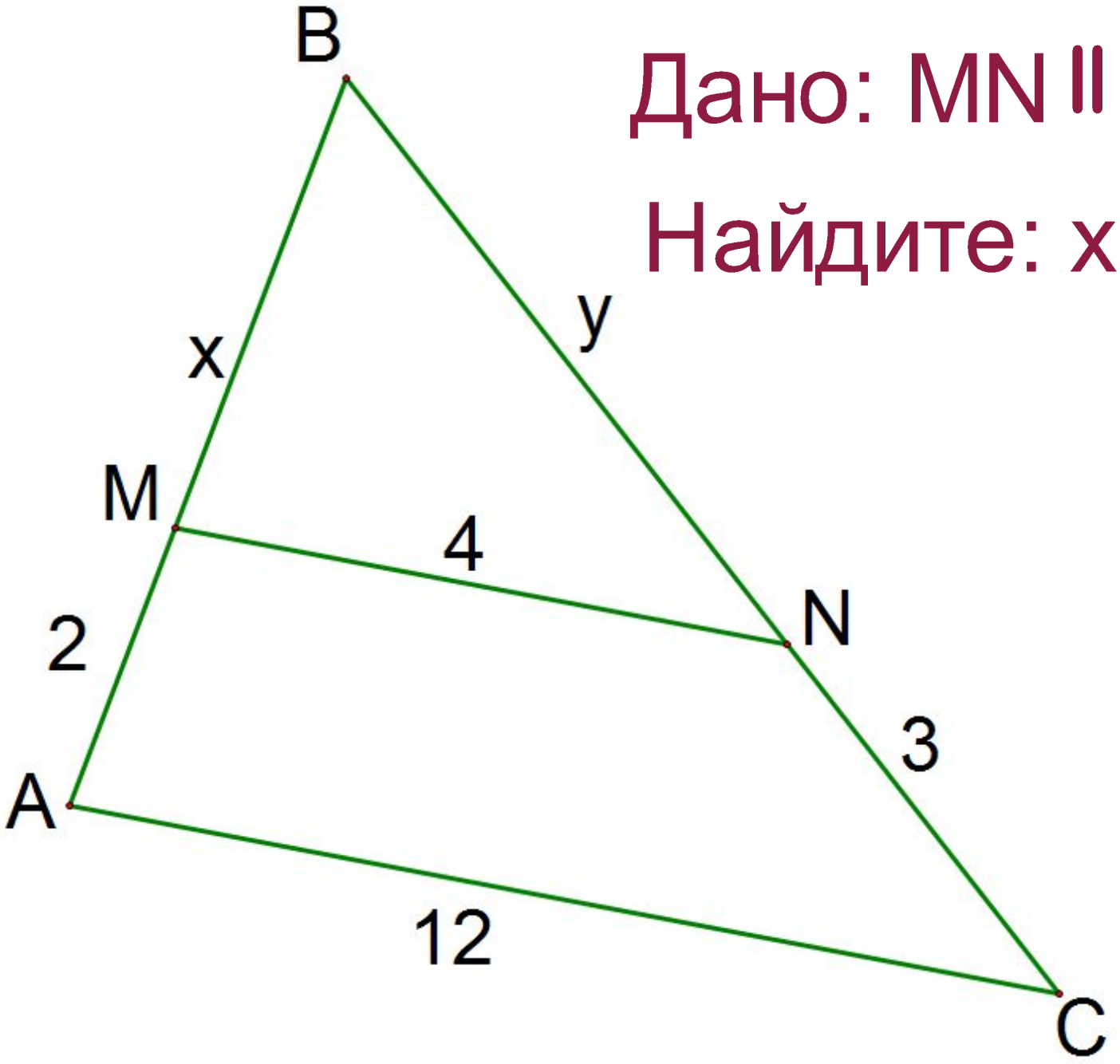
Дано: PK ∥ AC

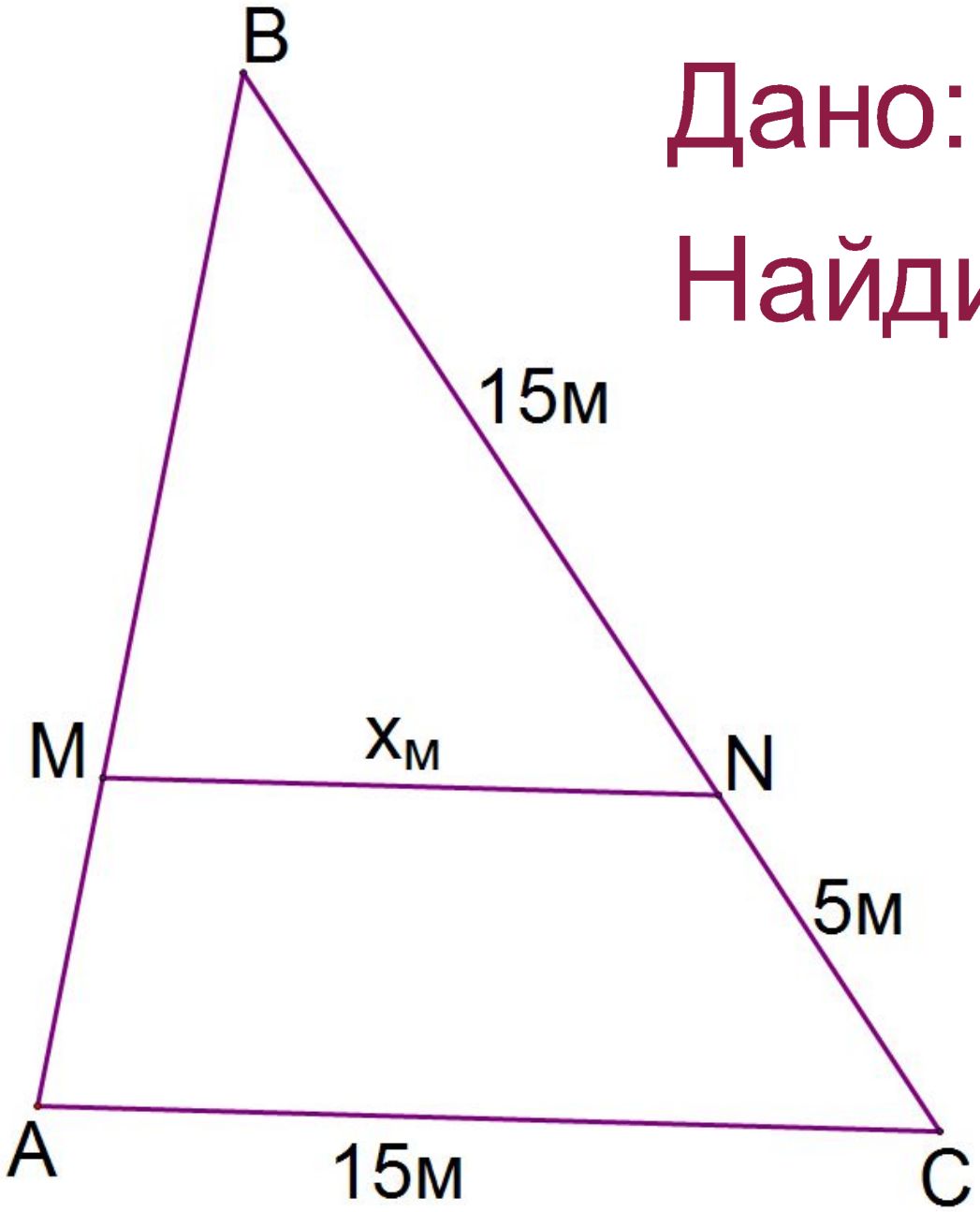
Найдите x, y



Дано: MN ∥ AC

Найдите: x, y





Дано: MN ∥ AC

Найдите x

Дано: ΔABC

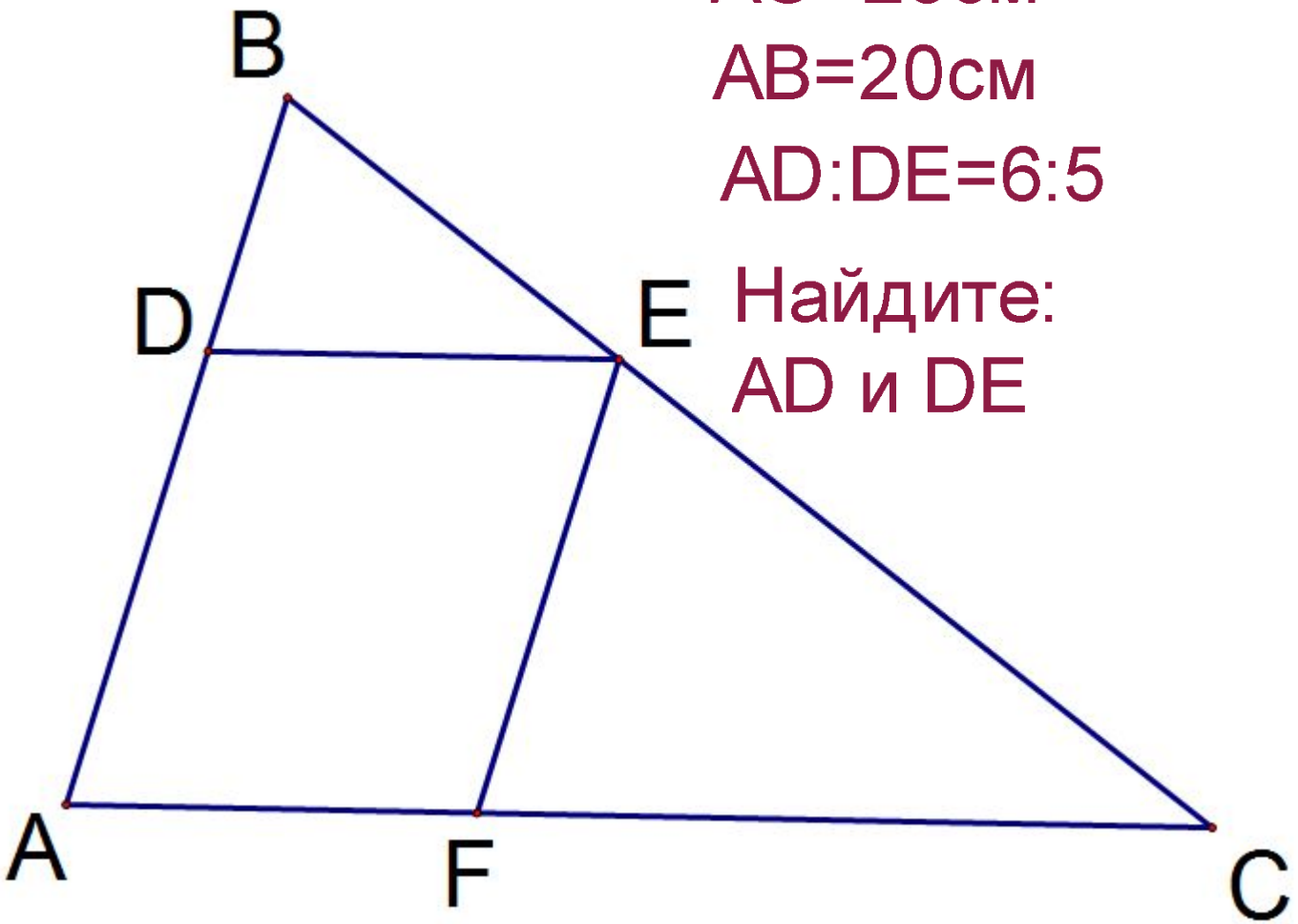
ADEF - параллелограмм

AC=25см

AB=20см

AD:DE=6:5

Найдите:
AD и DE

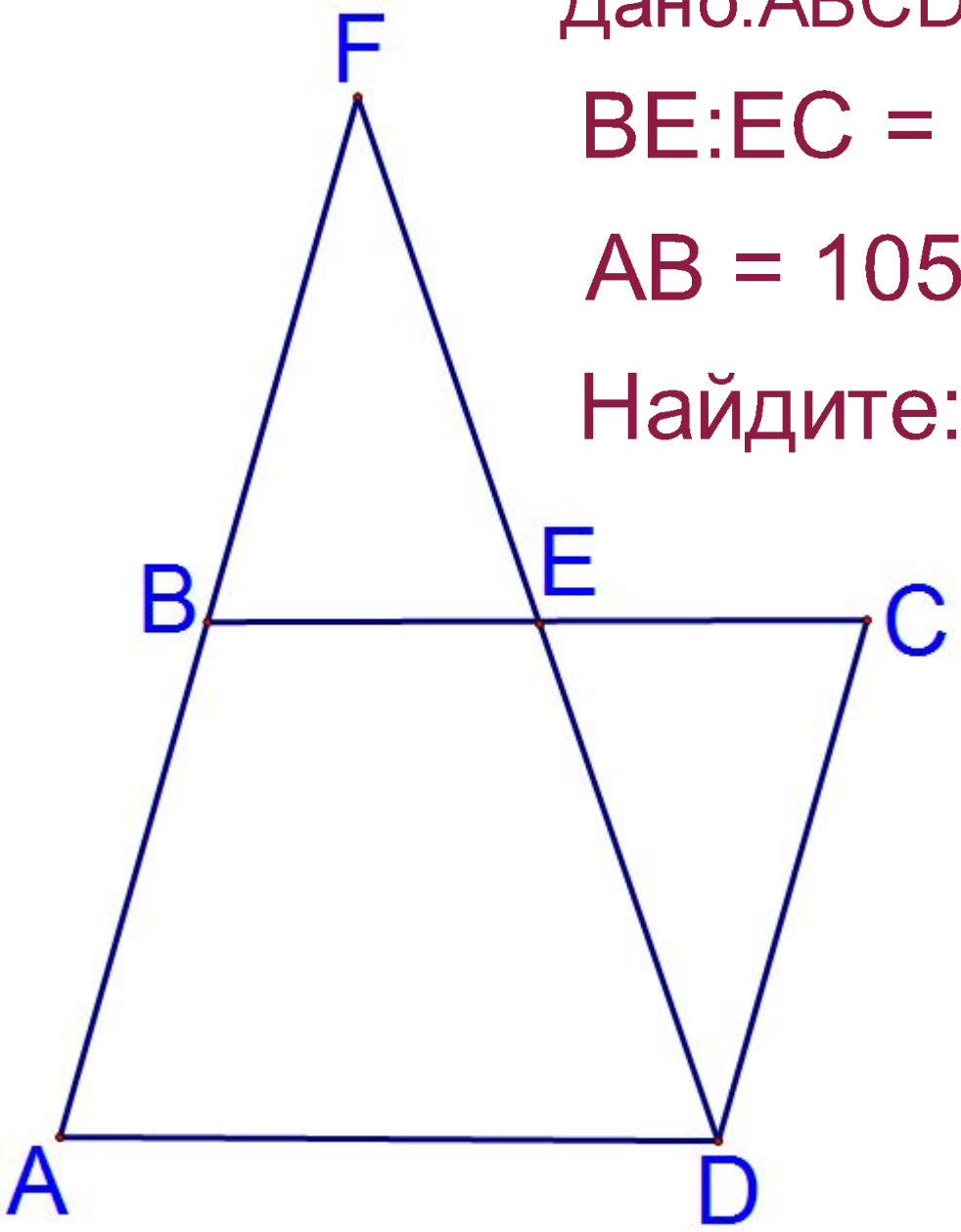


Дано:ABCD - параллелограмм

BE:EC = 7:5

AB = 105см

Найдите:BF

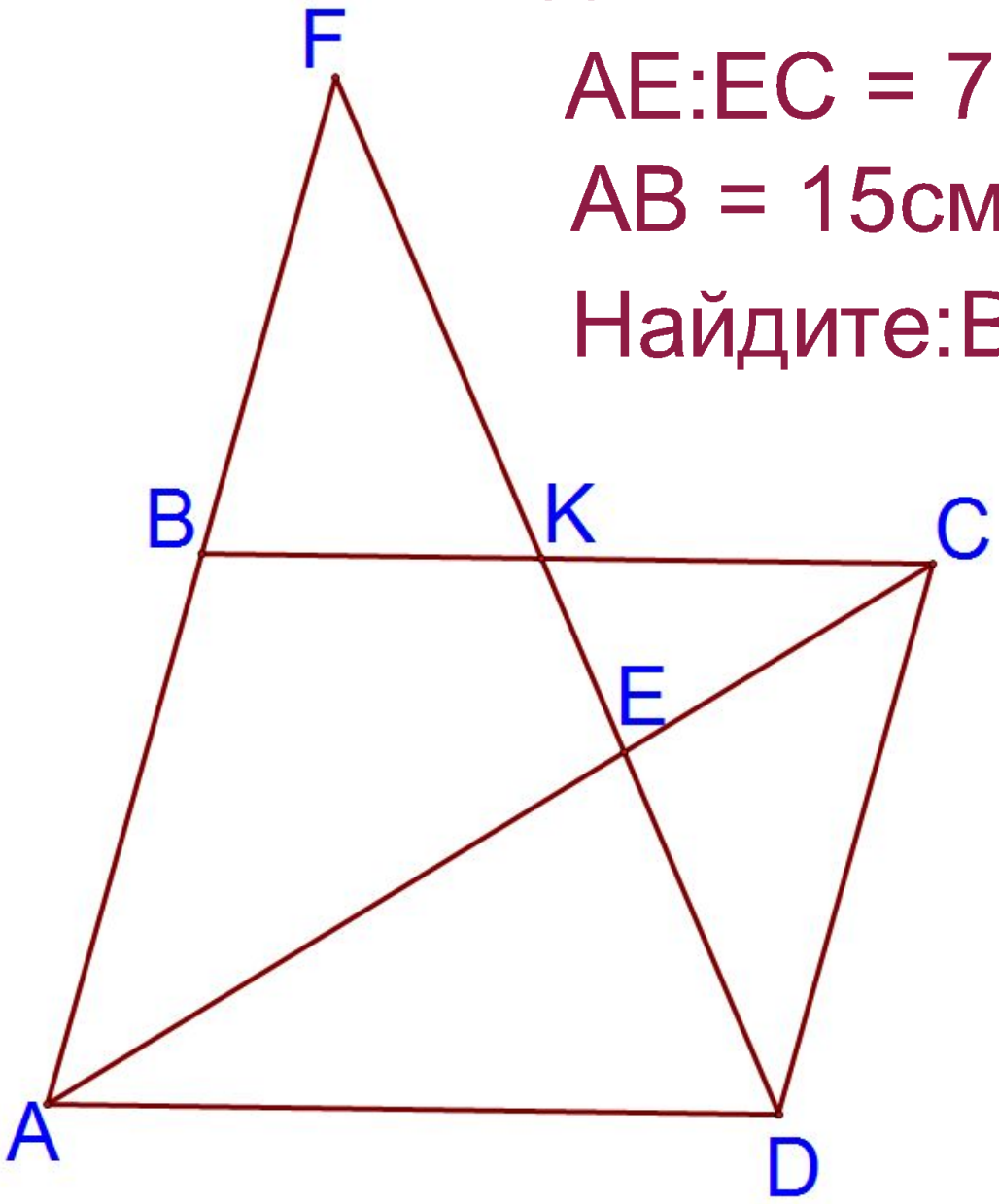


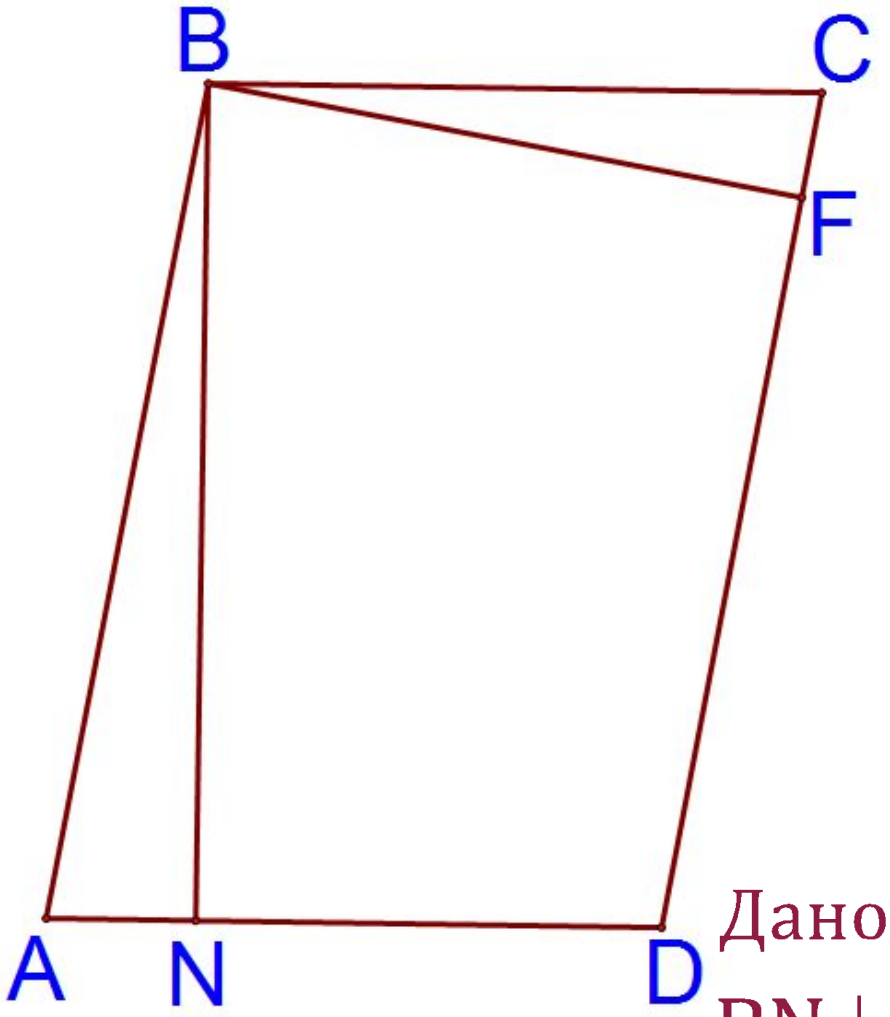
Дано:ABCD - параллелограмм

AE:EC = 7:5

AB = 15см

Найдите:BF





Дано:ABCD - параллелограмм

$BN \perp AD$, $BF \perp CD$,

$BN:BF=2:3$, $P_{ABCD}=45$см

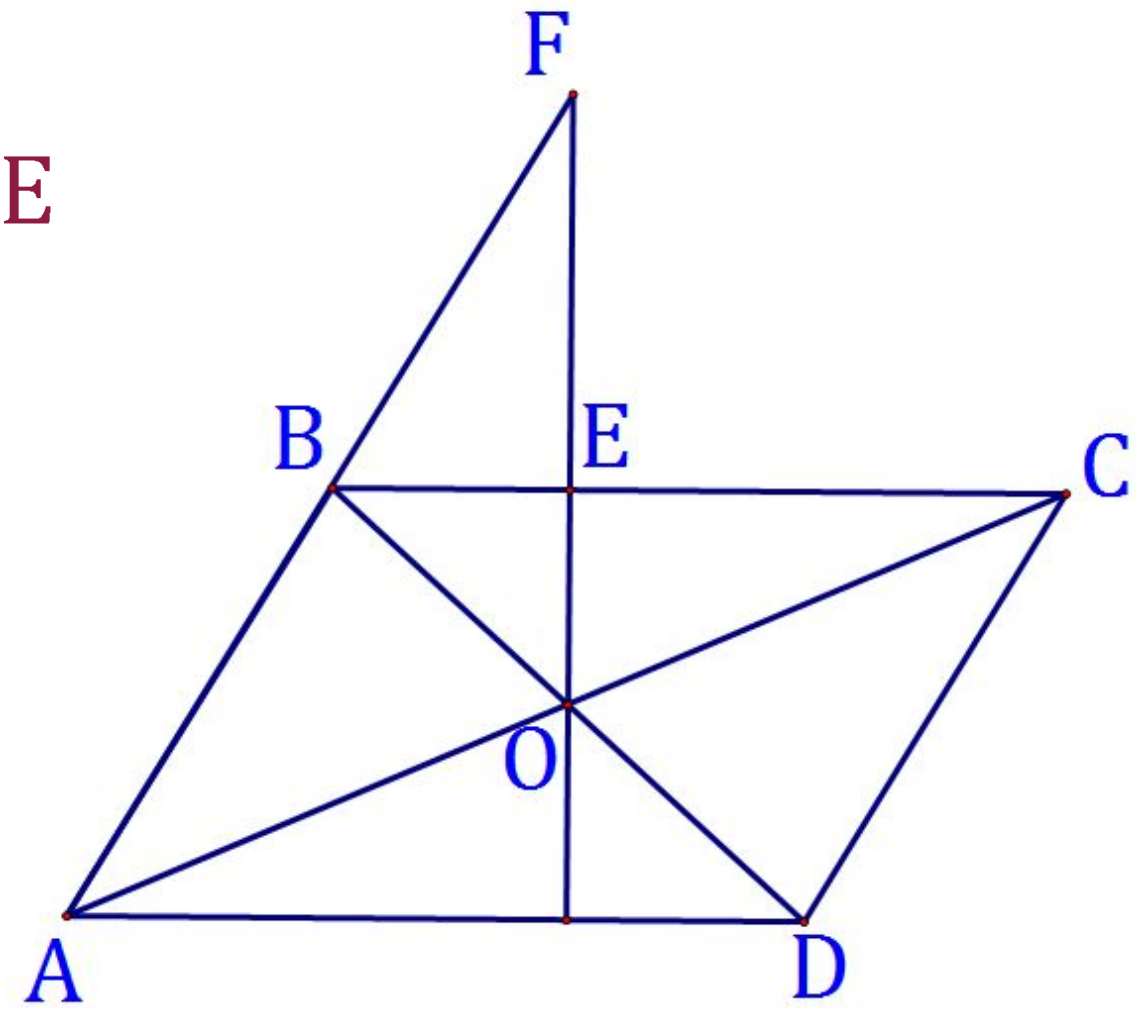
Найдите: AB, AD

Дано:ABCD - параллелограмм

OF⊥BC, AB=2см, BF=5см

BC=9см

Найдите: BE

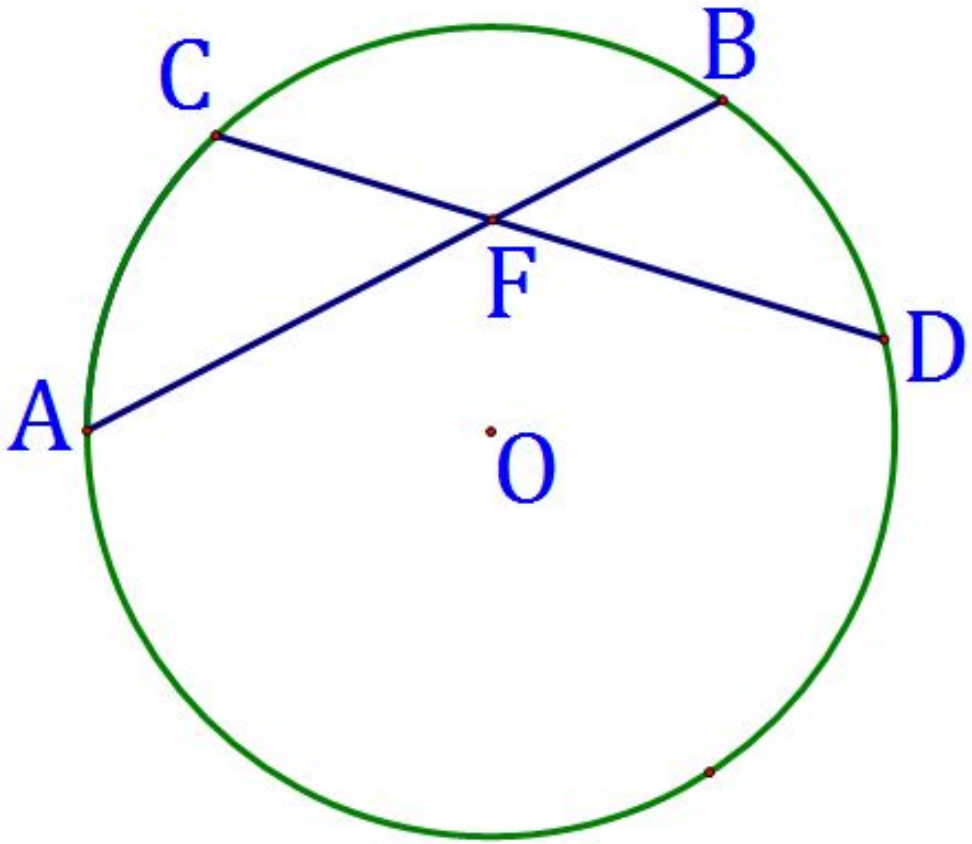


Дано:AB и CD - хорды

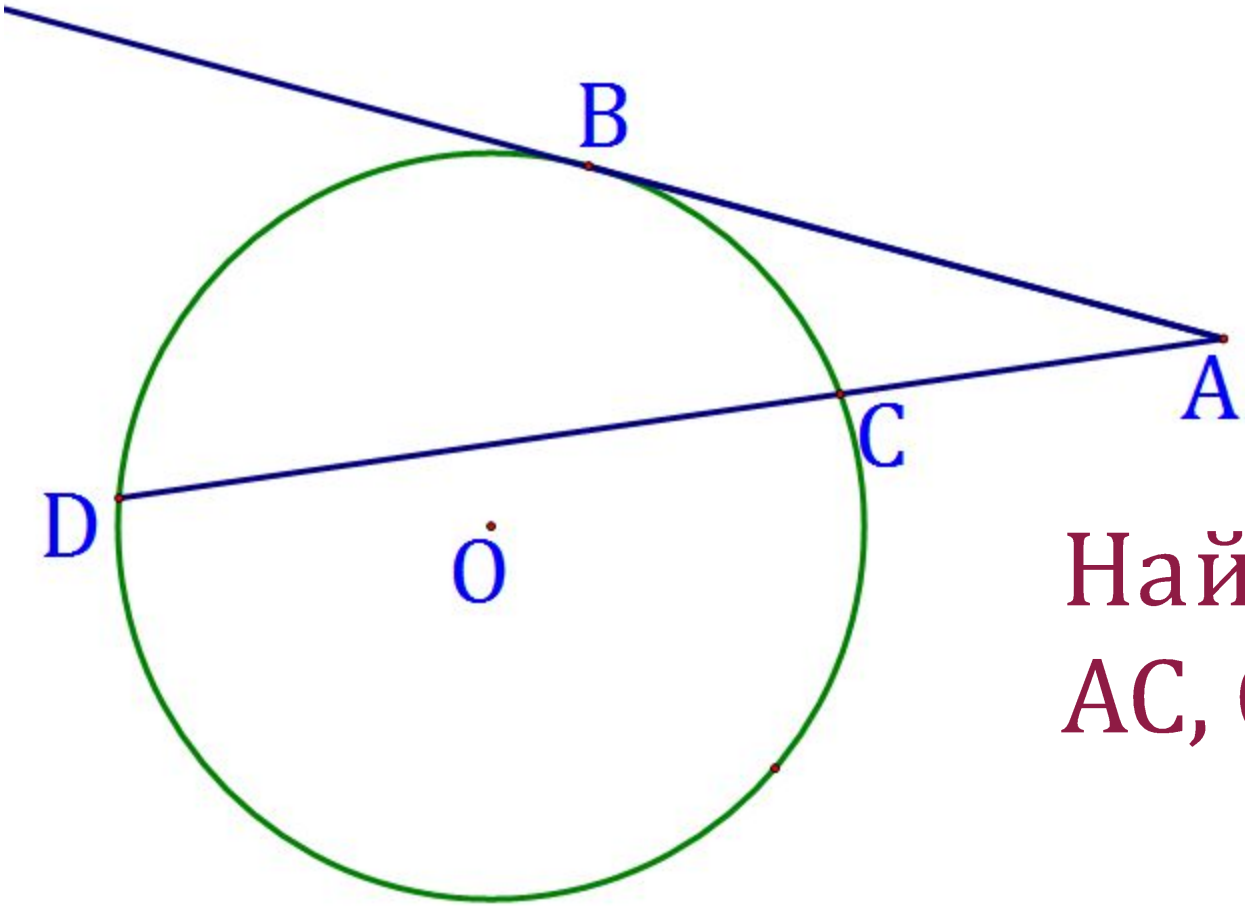
AF=8см, BF=6см

CD=16см

Найдите: CF, FD



Дано: AB - касательная
AD - секущая, AB = 2см
AD = 4см



Найдите:
AC, CD