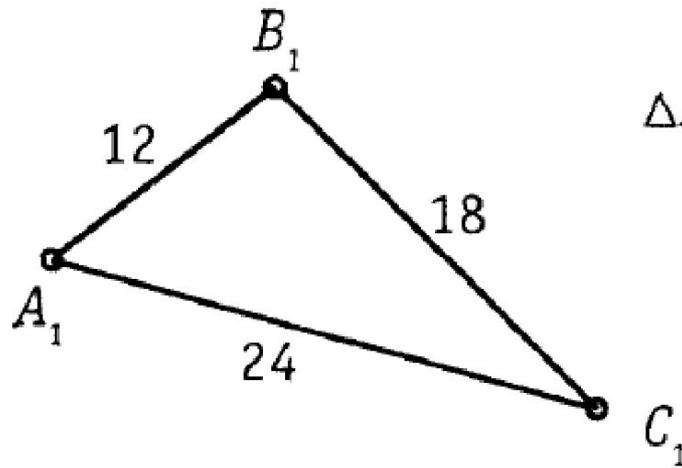
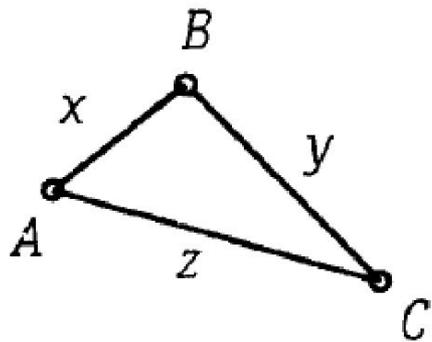


# Решение задач по теме:

«Подобие треугольников.»

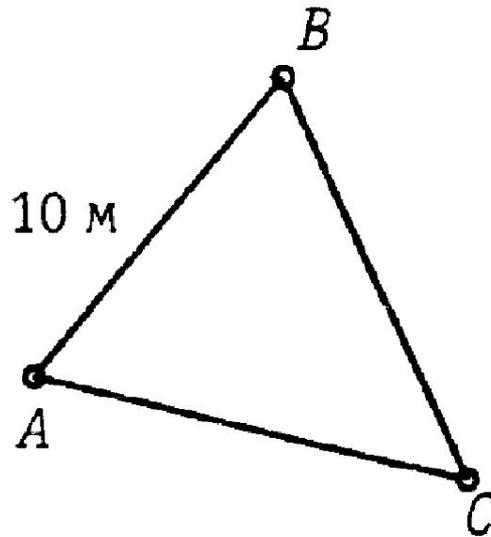
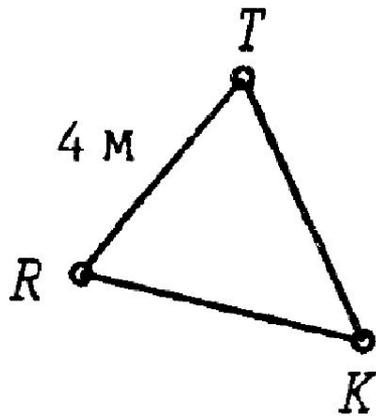
4



$$\triangle ABC \sim \triangle A_1B_1C_1$$

$$P_{\triangle ABC} = 36$$

9

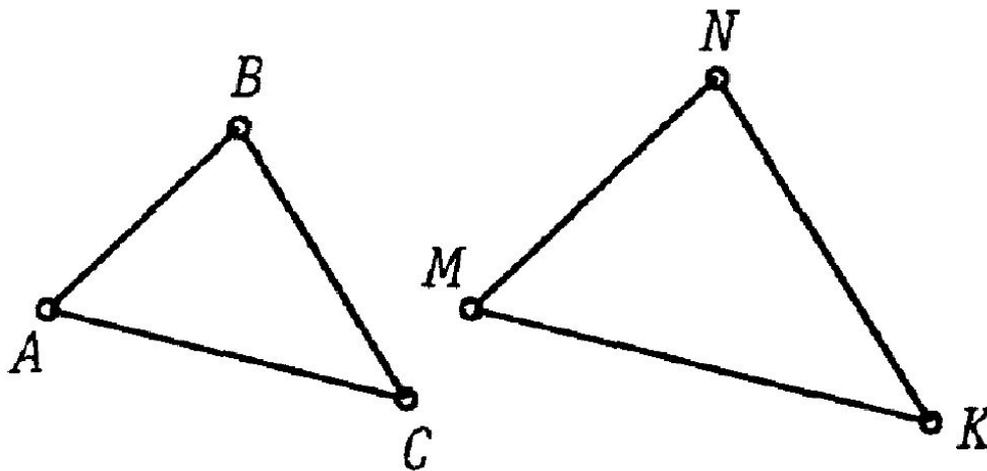


$$\Delta RTK \sim \Delta ABC$$

$$S_{\Delta RTK} = 16\text{ M}^2$$

$$S_{\Delta ABC} = x$$

17



$$\triangle ABC \sim \triangle MNK$$

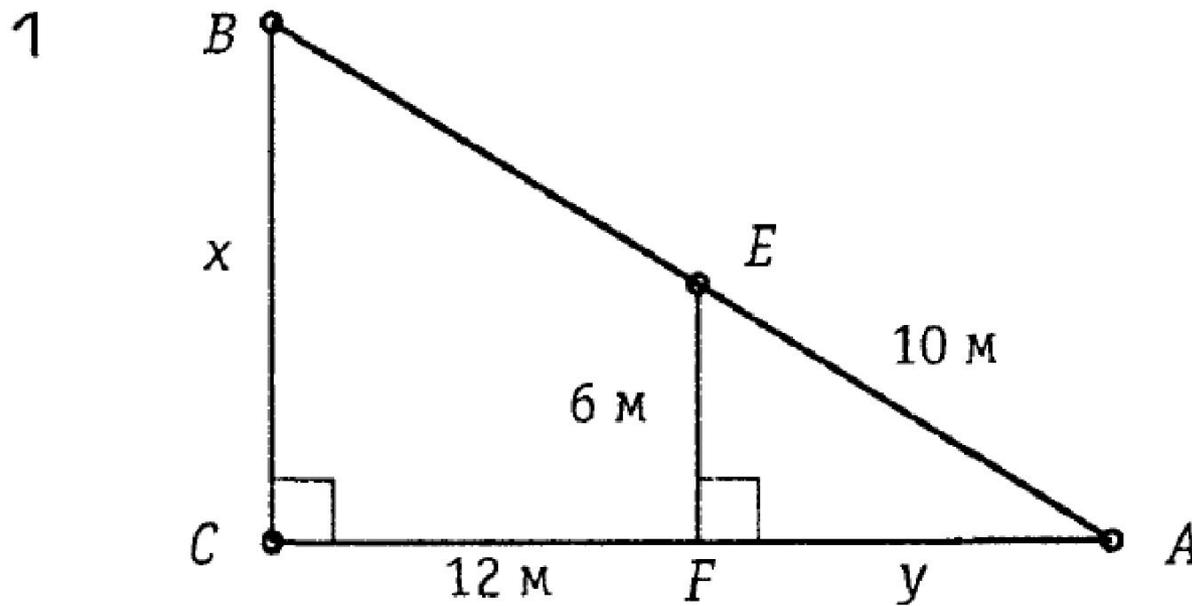
$$P_{\triangle ABC} : P_{\triangle MNK} = 2 : 3$$

$$S_{\triangle ABC} + S_{\triangle MNK} = 130 \text{ m}^2$$

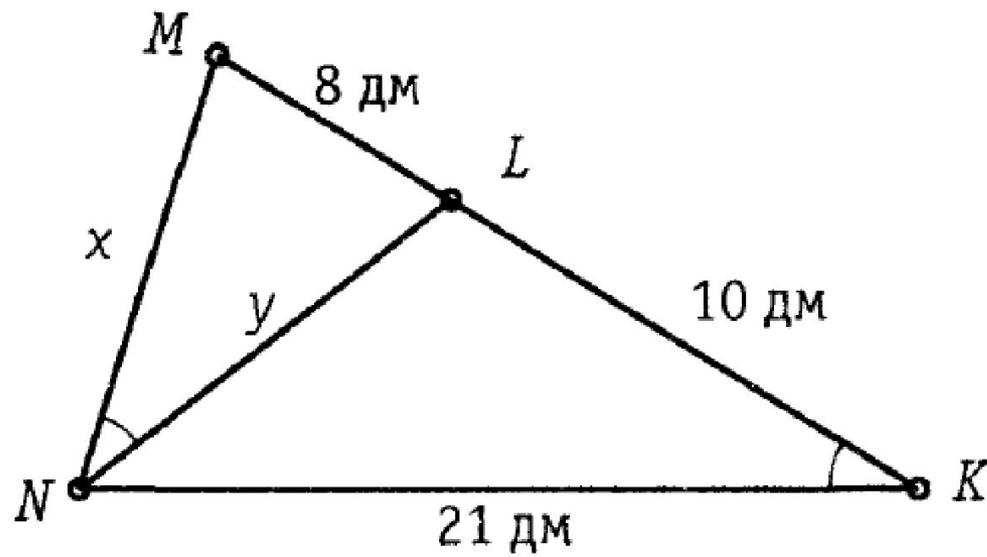
$$S_{\triangle ABC} = x$$

$$S_{\triangle MNK} = y$$

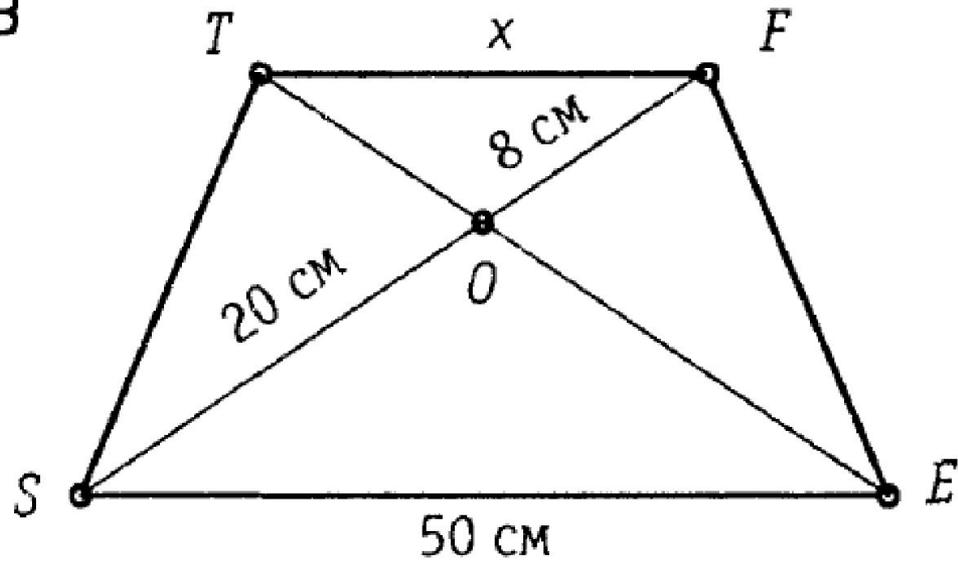
# Найти $x, y$



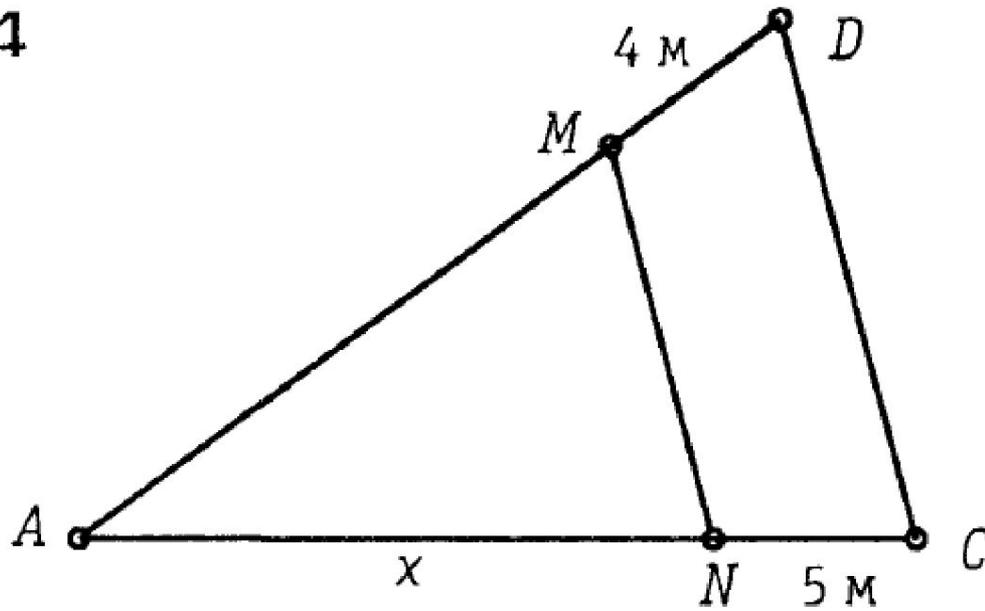
2



3

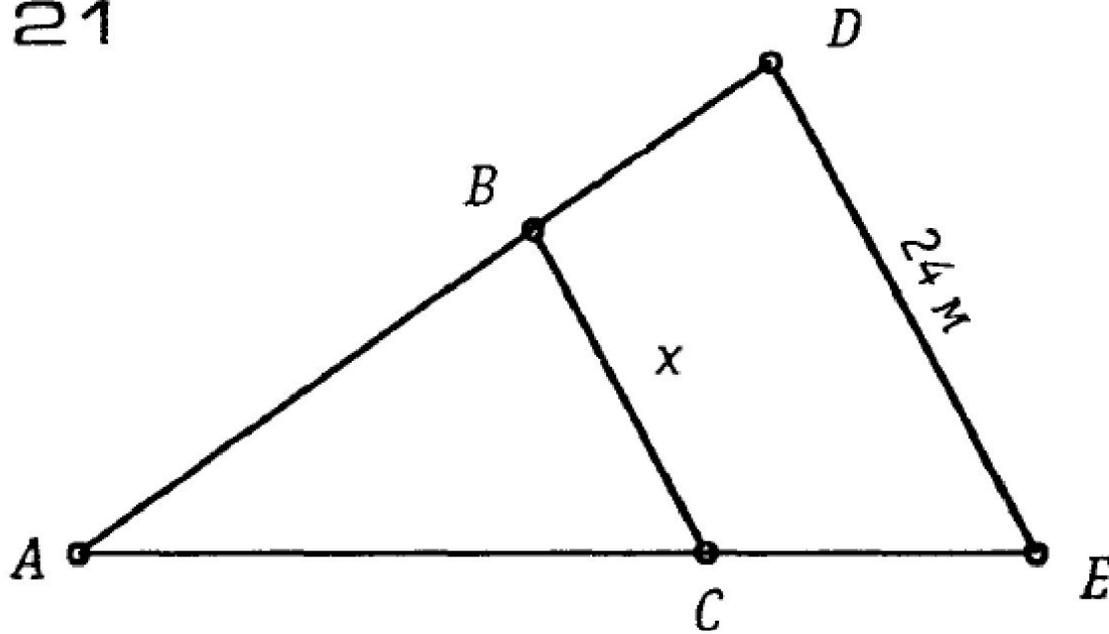


4



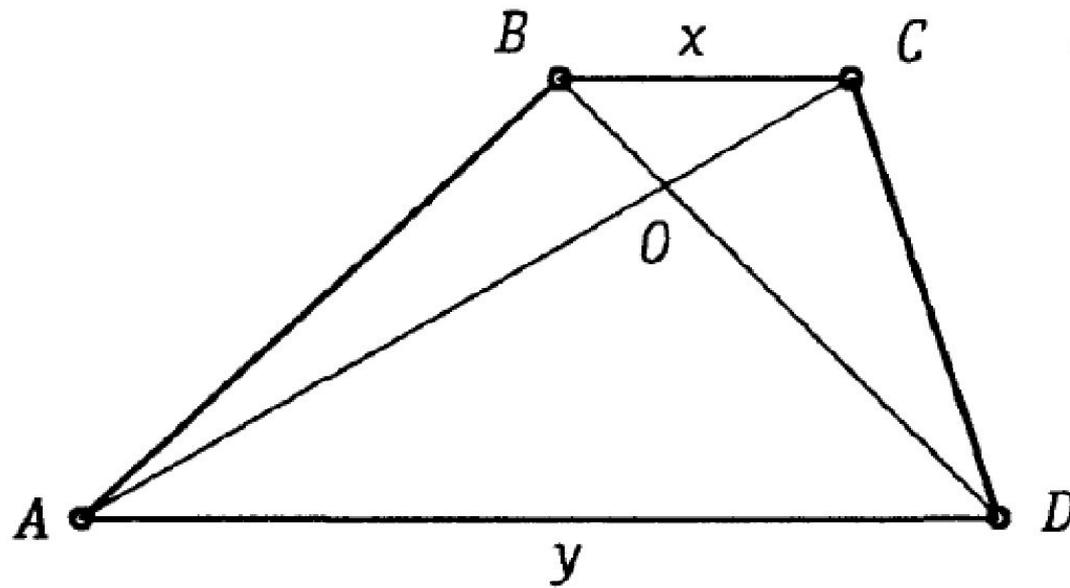
$DC \parallel MN$   
 $AD = 11\text{ m}$

21



$BC \parallel DE$   
 $AB : BD = 2 : 1$

28

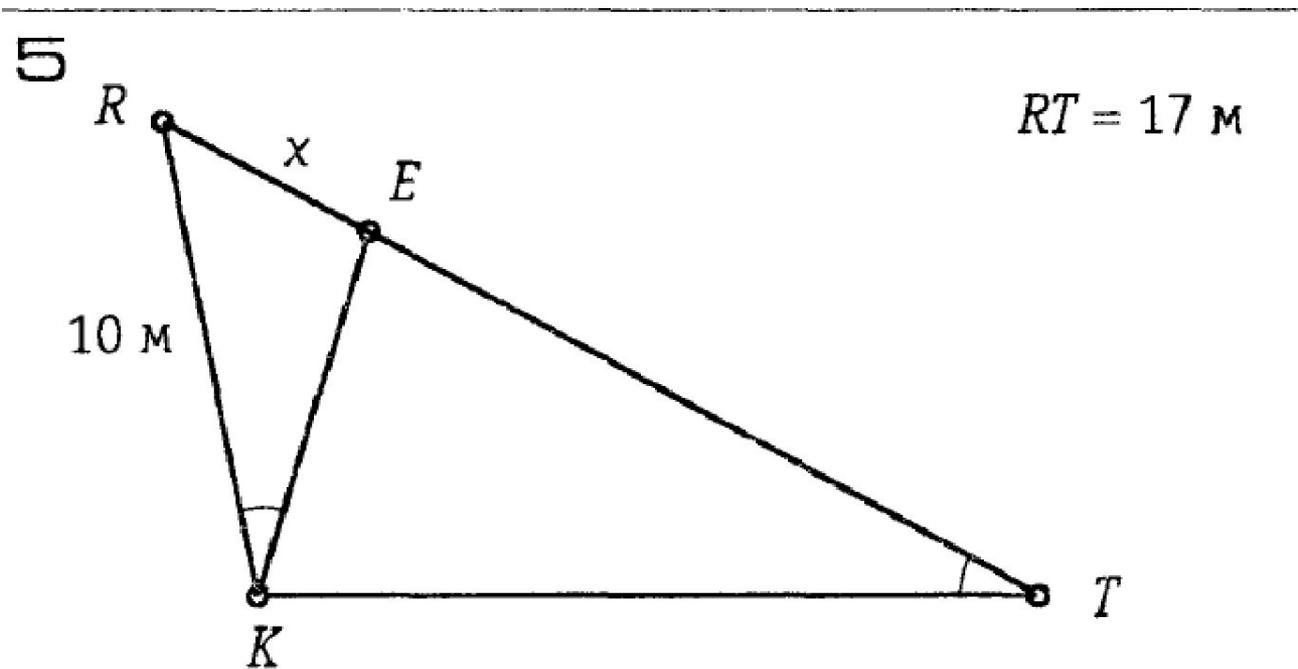


$$S_{\triangle BOC} : S_{\triangle AOD} = 1 : 9$$

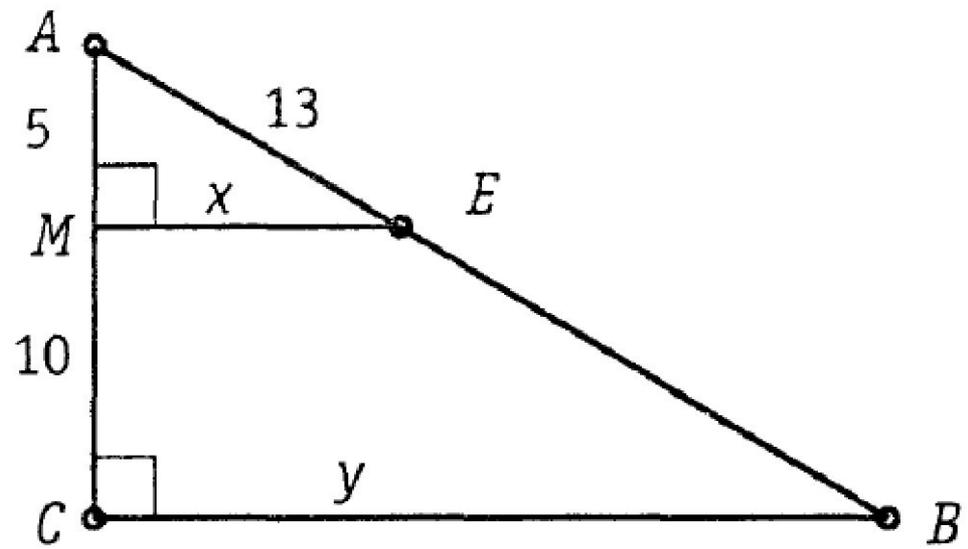
$$x + y = 9,6 \text{ дм}$$

$$BC \parallel AD$$

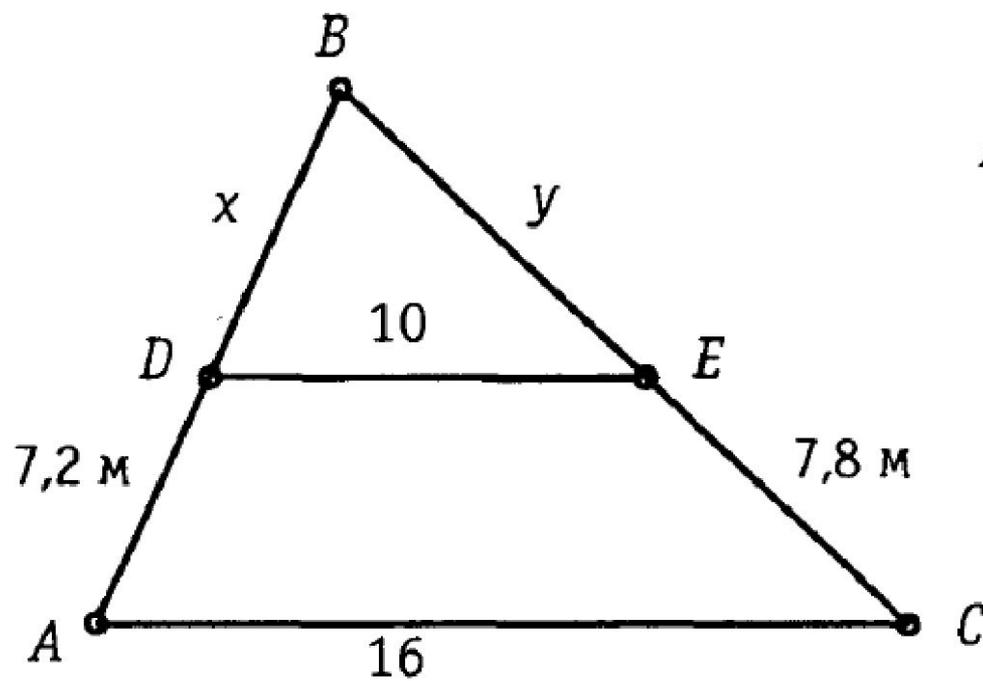
# Домашняя работа:



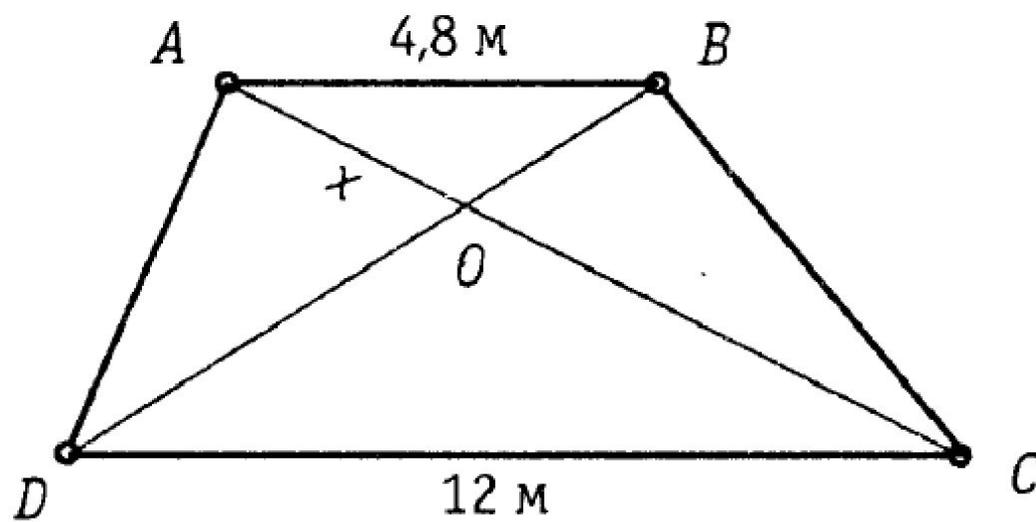
6



8



16



$AB \parallel DC$   
 $AC = 7,5 \text{ m}$