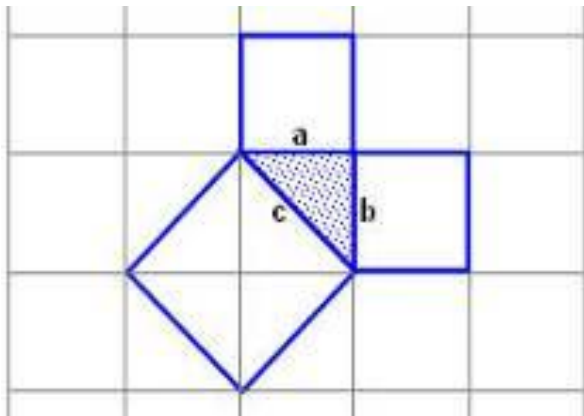
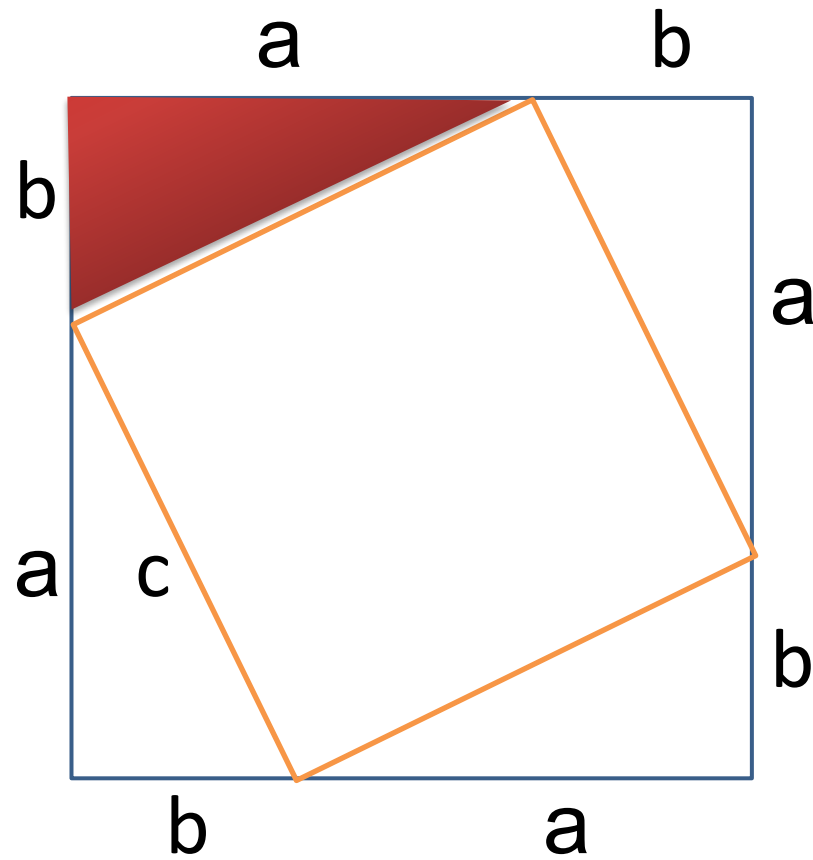
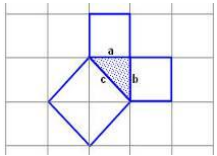


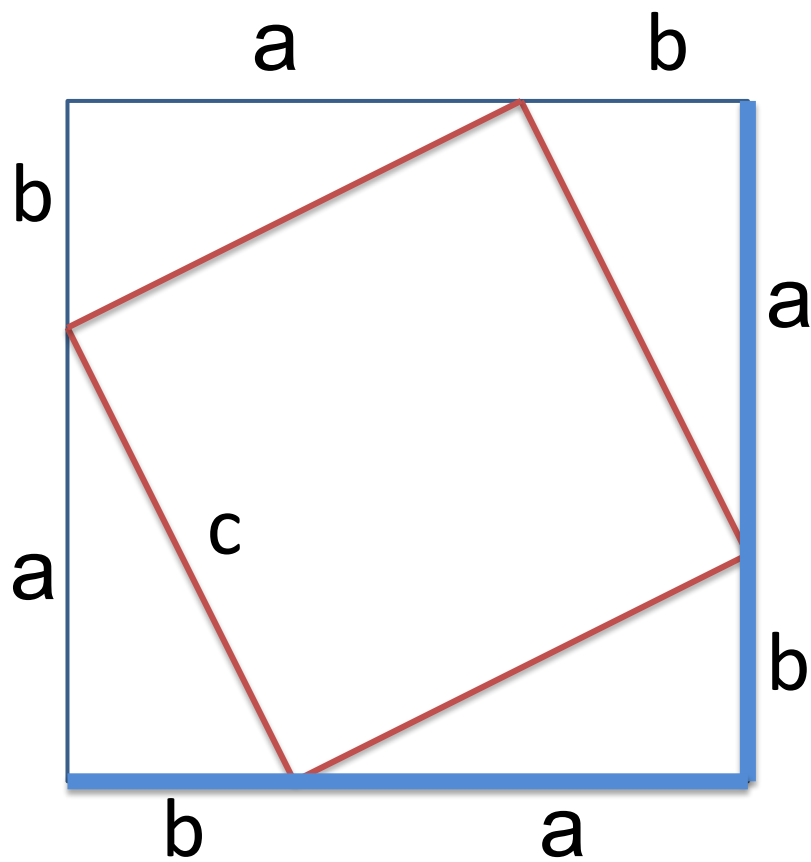
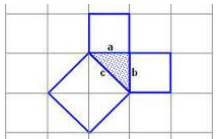
# Теорема Пифагора



**8 класс**



$$S_{\text{бол.кв.}} = 4S_{\Delta} + S_{\text{мал.кв.}} = 4 \frac{1}{2} ab + c^2 = 2ab + c^2$$



$$S_{\text{БОЛ.КВ.}} = (a + b)^2 = a^2 + 2ab + b^2$$

$$\cancel{2ab} + c^2 = a^2 + \cancel{2ab} + b^2$$

$$c^2 = a^2 + b^2$$

**В прямоугольном треугольнике  
квадрат гипотенузы равен  
сумме квадратов катетов**

