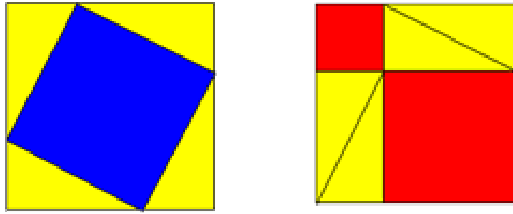
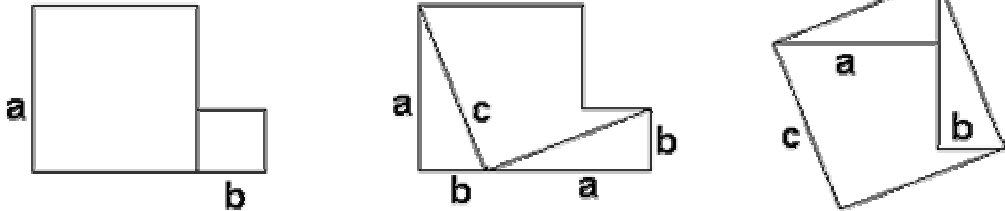


Mathematik * Jahrgangsstufe 9 * Sechs verschiedene Beweise für den Satz von Pythagoras

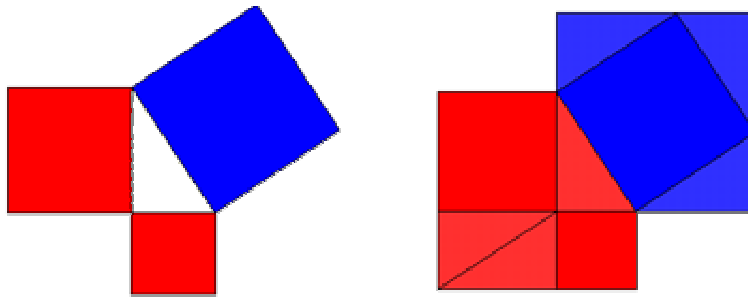
1.



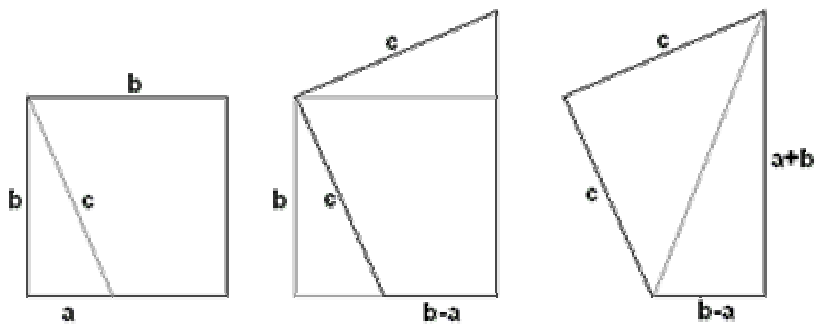
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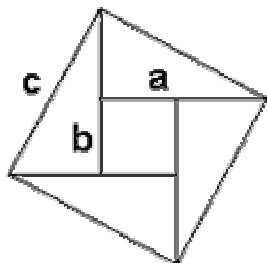
3.



4.

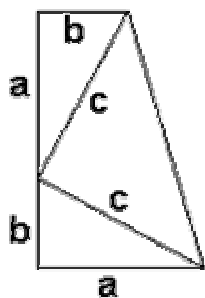


5.



$$c^2 = (a - b)^2 + 2ab = \dots$$

6.



$$F_{\text{Trapez}} = (a + b) \cdot \frac{(a + b)}{2} = \dots$$

$$F_{\text{Trapez}} = \frac{1}{2} \cdot c^2 + 2 \cdot \frac{1}{2} \cdot ab = \dots$$