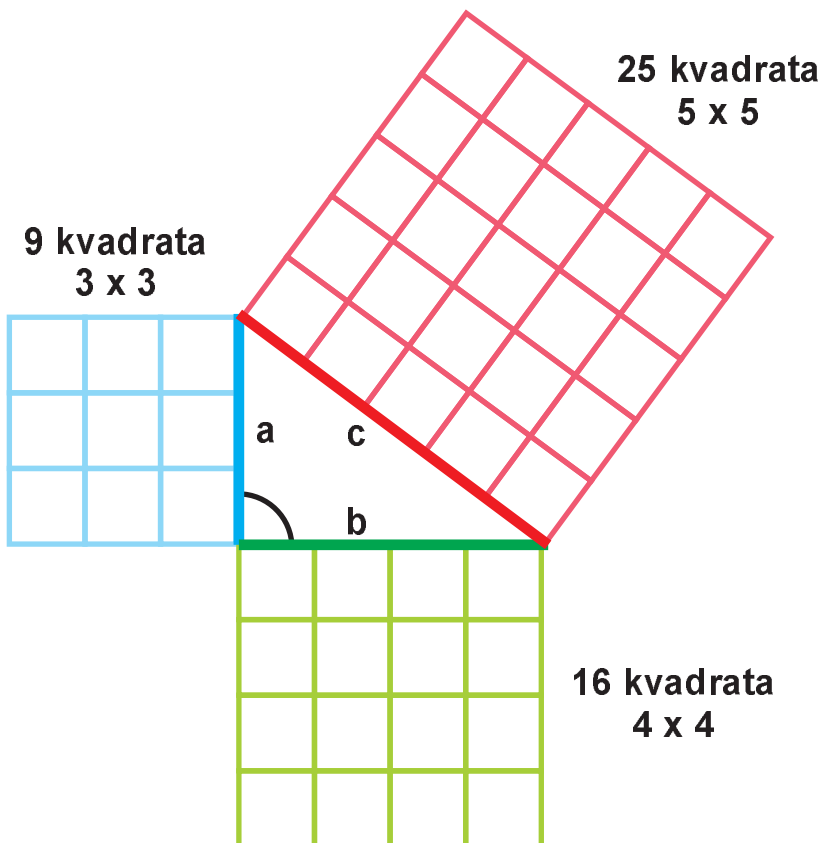


Pitagorin teorem

Površina kvadrata nad hipotenuzom pravokutnog trokuta jednaka je zbroju površina kvadrata nad katetama.

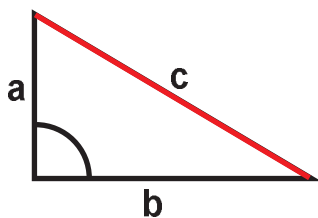


$$a^2 + b^2 = c^2$$

$$3^2 + 4^2 = 5^2$$

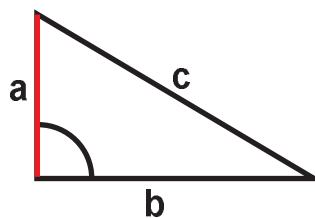
$$9 + 16 = 25$$

Kad su u pravokutnom trokutu poznate samo dvije stranice, treću možemo dobiti iz gornje formule.



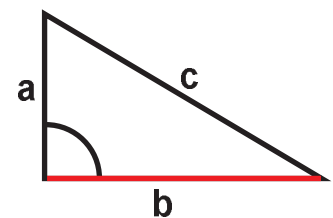
$$c^2 = a^2 + b^2$$

$$c = \sqrt{a^2 + b^2}$$



$$a^2 = c^2 - b^2$$

$$a = \sqrt{c^2 - b^2}$$



$$b^2 = c^2 - a^2$$

$$b = \sqrt{c^2 - a^2}$$