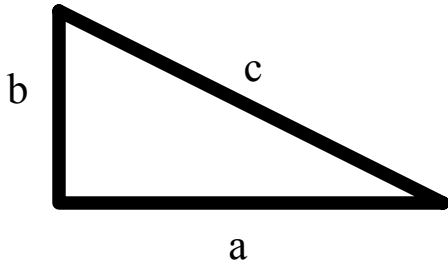
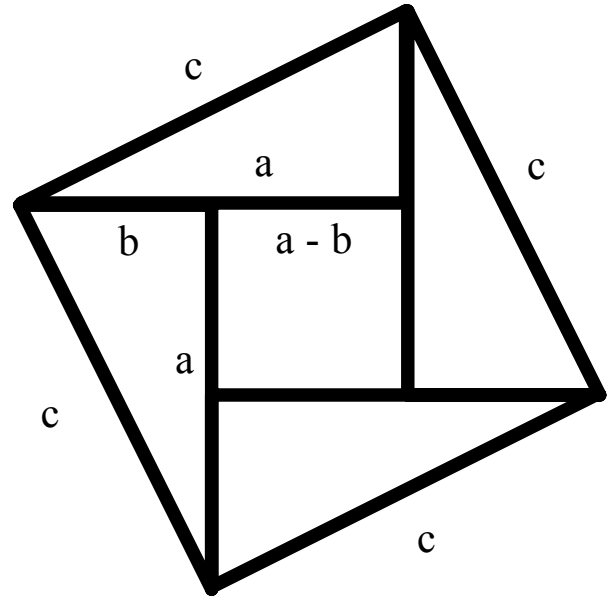


Start with a right triangle:

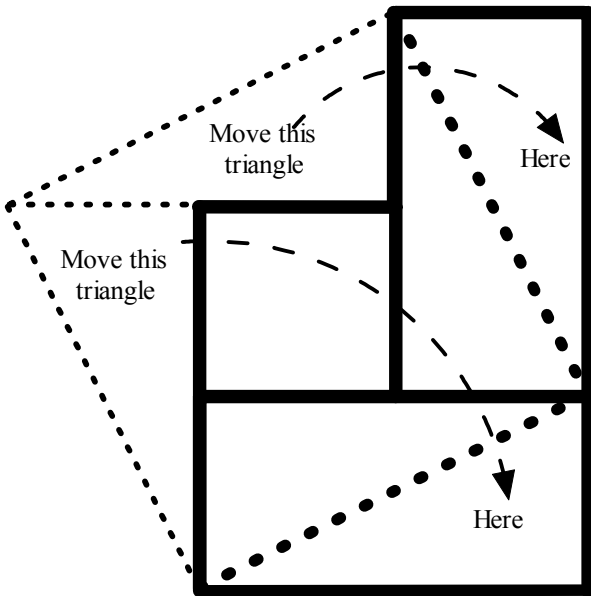


Area =  $c^2$ :

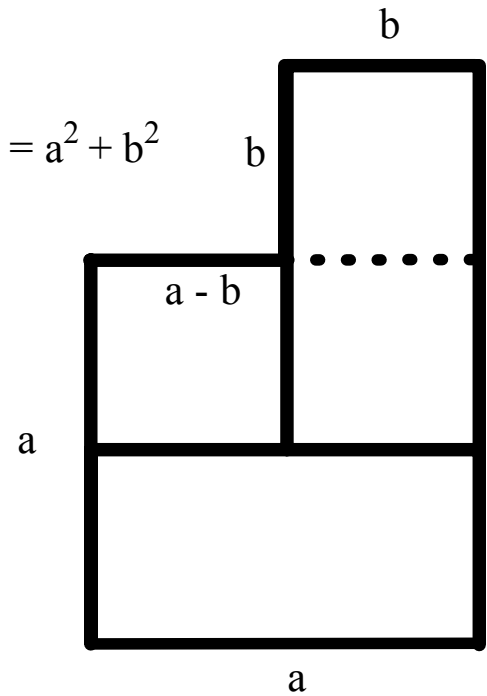


And arrange four of them:

Now move  
two of them:



Area =  $a^2 + b^2$



Early Proof of the Pythagorean Theorem