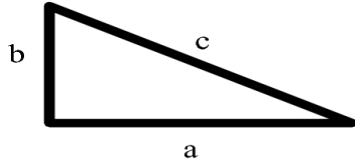
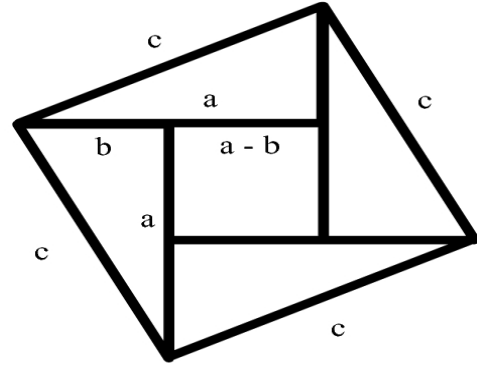


Start with a right triangle:

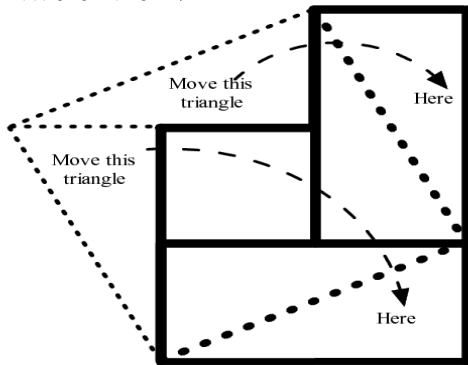


Area = c^2 :

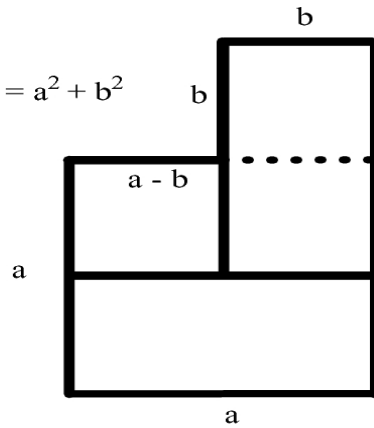


And arrange four of them:

Now move
two of them:



Area = $a^2 + b^2$



Early Proof of the Pythagorean Theorem