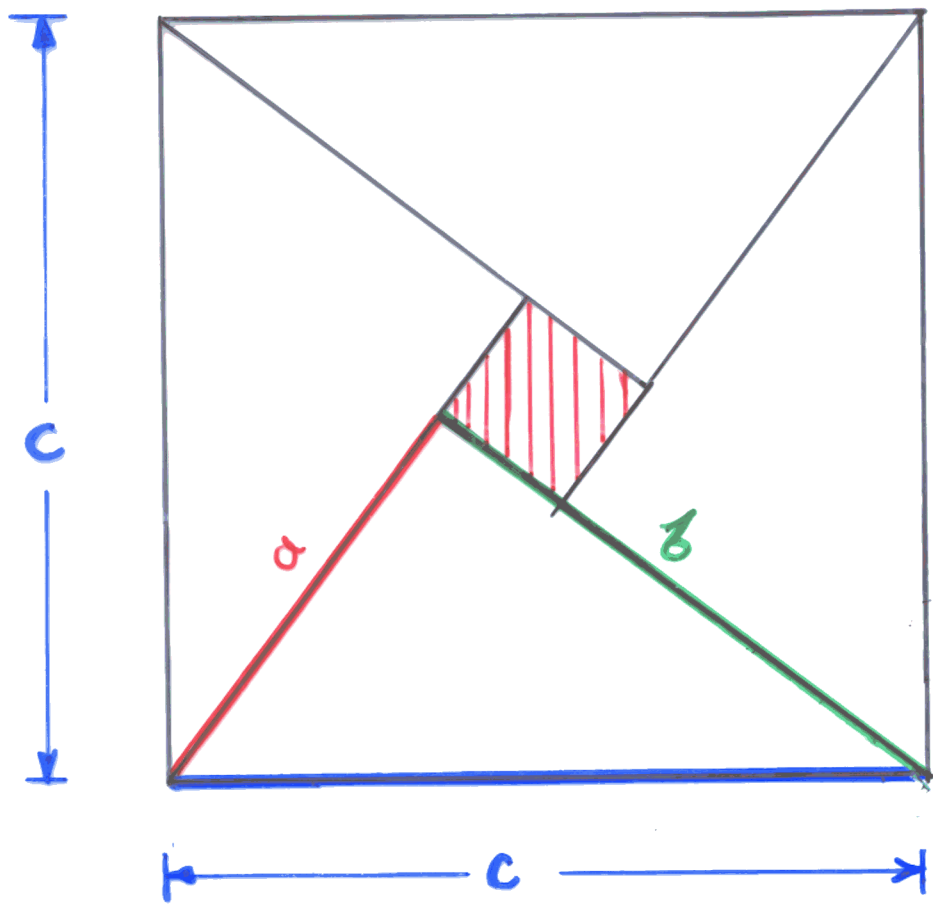
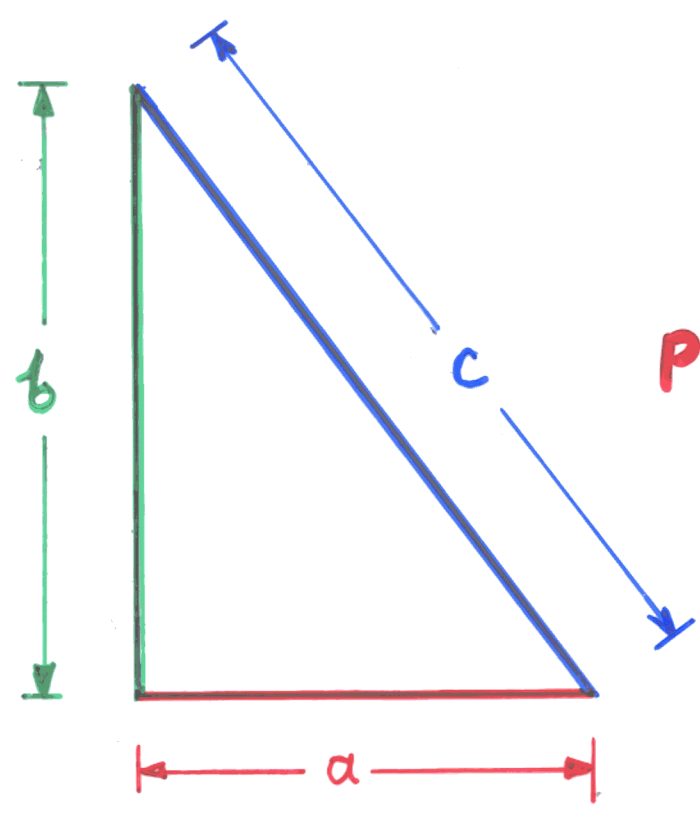


# THEOREM OF PYTHAGORAS

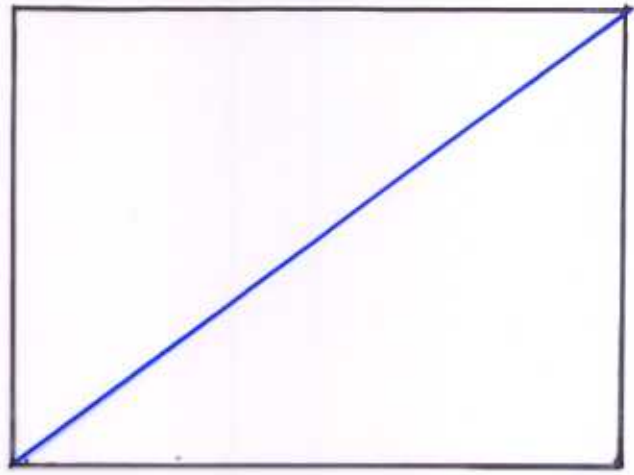
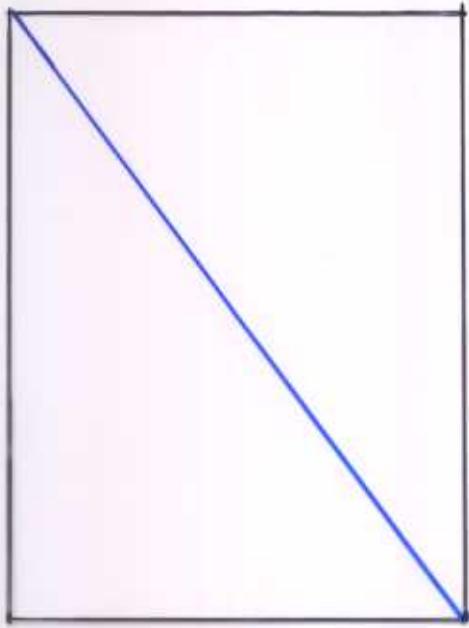


4 COPIES  
OF ABOVE  
TRIANGLE  
+  
A SQUARE  
IN THE  
MIDDLE

TOTAL  
AREA IS  
 $c^2$

THE SAME 4 TRIANGLES + SQUARE

2



TWICE

TOTAL AREA  
=  $a^2 + b^2$

