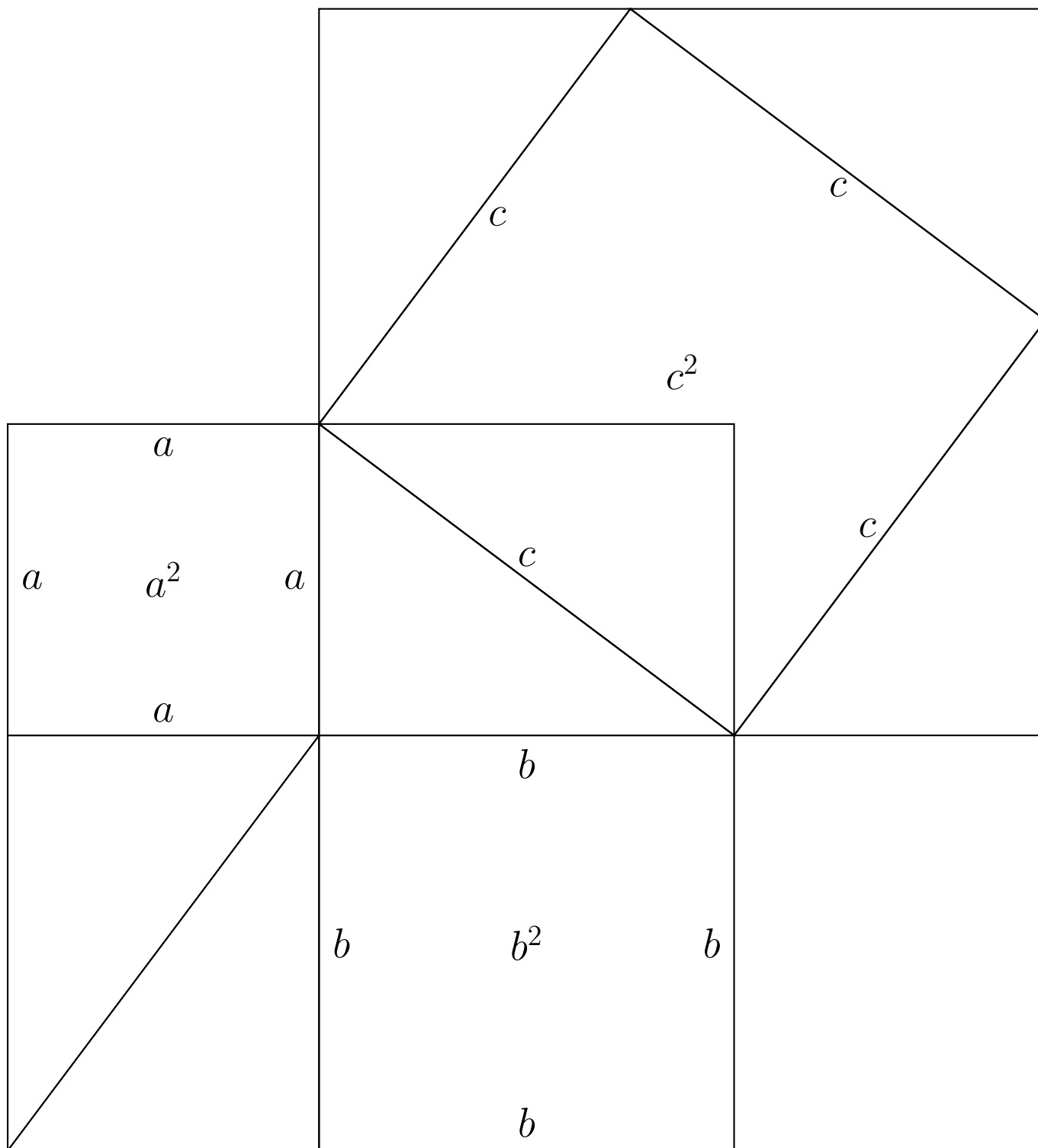


A proof of the Pythagorean theorem



Therefore $a^2 + b^2 = c^2$ in any right-angled triangle