Pythagoras Rules

Pythagoras was crazy, oh yeah, but his theorem no others compare, For any and every right triangle, $a^2 + b^2 = c^2$ 'a' and 'b' are the legs, you see, that form the angle 90° But 'c' is the side that has all the juice, across from the 90, It's the hypotenuse. If you want 'c', surprised don't be, you've done this before, you'll see. plug in the numbers for 'a' and 'b' square them and add, that's so easy! Now c squared equals all that math So square root that stuff, you have 'c' at last! But wait! There's more you must know, For Pythagoras to be true. a + b is bigger than 'c', but hypotenuse is larger than either two.