Proof of the Pythagorean Theorem

Using President Garfield's Method

See also math.kennesaw.edu/~sellerme/sfehtml/classes/math1112/garfieldpro.pdf

Atrapazoid = Atringle + Atriangle +Atriangle

½ * h * (b1 + b2) = 3 * ½ * base * height

½ (A + B) * (A + B) = ½ C^2 + ½ A*B + ½ B*A

(A+B)(A+B) = C^2 + 2AB

A^2 + 2AB + B^2 = C^2 + 2AB

A^2 + B^2 = C^2

Which was what we wanted

W^5