PYTHAGOREAN THEOREM: $a^2 + b^2 = c^2$

Number & Operations, Algebra, Measurement, Geometry

Use the model below to see what the Pythagorean Theorem means. Color a^2 with red and b^2 with blue. Then, in c^2, color as many squares with red and blue as you did in a^2 and b^2.

The arrangement of colors in square c will be different than their arrangements in squares a and b, but the area will be the same.