

Visual Demonstration of the Pythagorean Theorem



ACTIVITY NOTES

SKETCH AND INVESTIGATE

- Q1** In this sketch, the squares on the sides of a right triangle are sheared, without changing their areas, so that a shape on the legs is congruent to a shape on the hypotenuse. This shows that the sum of the areas of the original squares on the legs of a right triangle is equal to the area of the original square on the hypotenuse, thus demonstrating the Pythagorean theorem.