

Dissect and Reflect

Imagine all three squares were removed, and the square from side b was split into pieces based on the lines added. Then, the pieces in square a and square b were fit into square c. Reflect on the following questions:

1. What do you notice? (Hint: do not rotate the pieces)

2. What is the relationship between the area of the two side squares on the legs of the triangle and the square of the hypotenuse or square c?