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| Geometric Proof of the Pythagorean Theorem | Algebraic Proof of the Pythagorean Theorem |
| * Draw a triangle on dot paper (your side lengths must be different than those of the other people at your table). * Draw a square on each side of the triangle. * Determine the area of each square: * Determine the relationship between the areas of the squares: | * Draw a square on a sheet of dot paper. * Choose a point “a” units away from each vertex along each side. * Label that segment “a” and the remainder of each side “b”. * Connect each of the points to form 4 right triangles surrounding a square * Label each hypotenuse c. * Find the area of each triangle.   a.  b.  c.  d.   * Find the area of the square. * Draw a conclusion based on your findings. |

Where’s the proof???