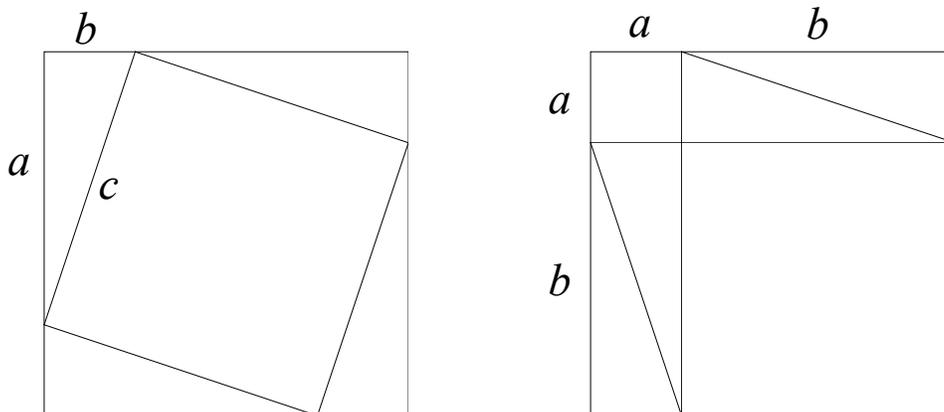


Math Challenge April 17, 2007

The "Math is Cool" competition is this Friday. It was lots of fun going with the 3rd and 4th graders last month and a great experience for all involved. I have heard back from very few 5th grade parents, and if we don't have enough people we will have to cancel. I am sorry it has been hard to get ahold of everyone with so many people gone for Camp Orika and spring break. If your child is interesting in going, please send an email to robertwb@math.washington.edu tonight.

For more details, see the math challenge web site at <http://www.math.washington.edu/~robertwb/mmc/index.html>

1. Use the pictures below to prove the Pythagorean Theorem to your family:
If a , b , and c are the sides of a right triangle (c the longest), then $a^2 + b^2 = c^2$



2. What is the area of a right isosceles triangle with hypotenuse equal to 1?
Hint: use the Pythagorean theorem or try to cut and re-assemble.

