Willamette Math
Problem of the Week
February 4 2008
Big Cube Little Cube

Can you pass a cube through a hole in a smaller cube?

Submit all solutions before the appearance of the next problem to Josh Laison in person, by e-mail (jlaison@willamette.edu), or by skywriting. The first correct solution gets a prize; all correct solutions get fame and glory. Preference for the prize goes to problem-solvers who haven’t won one yet.

I’m also still accepting solutions to Playing with Pasta from last week.

Solution to One Square Two Square:
Congratulations to Jared Nishikawa, who solved the problem first and won a slide whistle, and to Daniel Gossard, Charlie Mathes, and Mathew Polzin, who also submitted correct solutions.

There are at least three valid solutions. Here is one:

Also check out the problem of the week website for an amazing flash animation by Mathew Polzin.

Past problems of the week, solutions, and solvers can be found at http://www.willamette.edu/~jlaison/problem.html