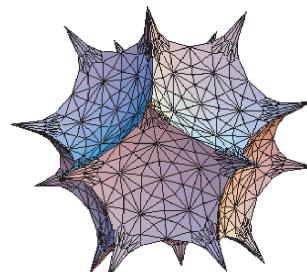
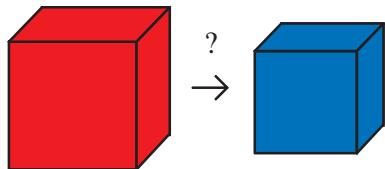


# Willamette Math Problem of the Week



February 4 2008  
Big Cube Little Cube



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

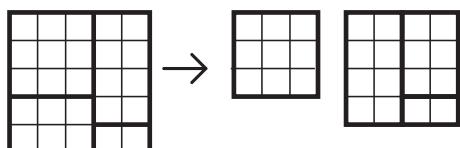
Submit all solutions before the appearance of the next problem to Josh Laison in person, by e-mail ([jlaison@willamette.edu](mailto:jlaison@willamette.edu)), or by skywriting. The first correct solution gets a prize; all correct solutions get fame and glory. Preference for the prize goes to problem-solvers 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>

