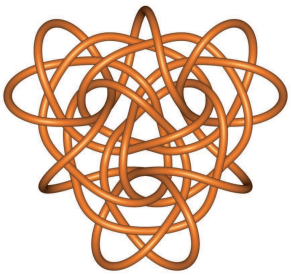
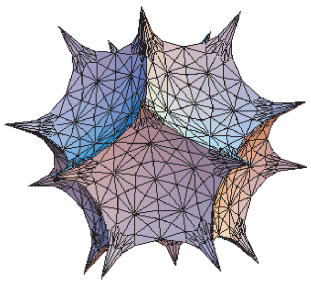
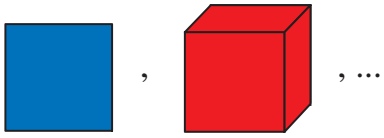


Willamette Math Problem of the Week



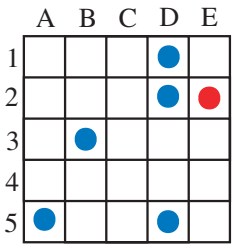
February 25 2008
Edgy Hyper Cube



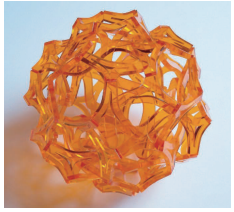
A square has 4 edges, and a cube has 12 edges. How many edges does an n-dimensional cube have?

Submit all solutions before the appearance of the next problem to Josh Laison in person, by e-mail (jlaison@willamette.edu), or by quipu. 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.

Solution to *Jumping Mad*:



E2-C2, D1-D3, D2-D4, D5-D2-B2-B4, B3-B5, A5-C5, B5-D5-D2-B2, D4-D2-A2, B2-D2, C2-E2, D2-D4, D3-D5-B5-B3, B4-B2, A2-C2, B2-D2, E2-B2-B4, D2-B2, B4-B1, B2-B4, B3-B5-D5-D3, D4-D2-B2, B1-B3-B5, B2-D2-D4, D3-D5, B5-E5!!!



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