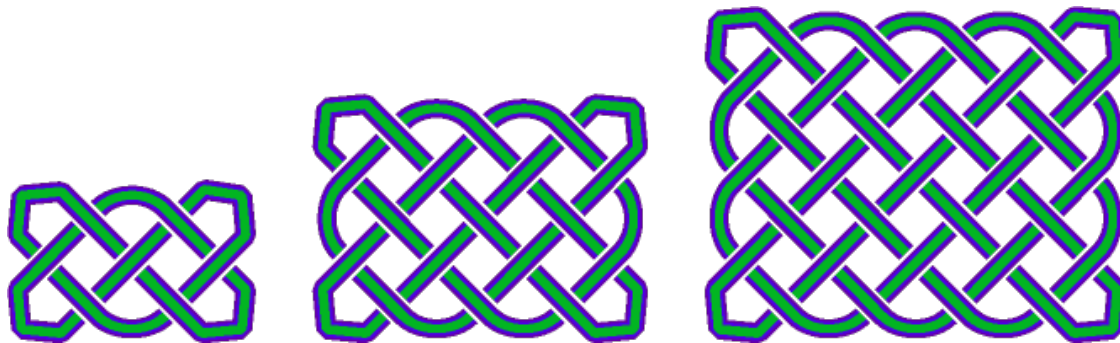


Math Challenge Problem

for late February, 2014

Counting Celtic Crossings



Above you see three examples of Celtic knots, each getting more complicated than the previous. Notice that the first knot contains 7 crossings, while the second contains 17. Suppose you continued the sequence of knots following the pattern illustrated above.

The Challenge: How many crossings would the 20th knot contain?

Submit solutions to Ross 2239G or to oscar.levin@unco.edu by **Friday, February 28**.

WIN PRIZES!

A winner will be randomly selected from all correct answers received for each challenge problem to receive a fun math prize of his or her choice. Prizes include funky Rubik's style cubes, math puzzle books, math games, even a math coloring book. So submit your answer TODAY!