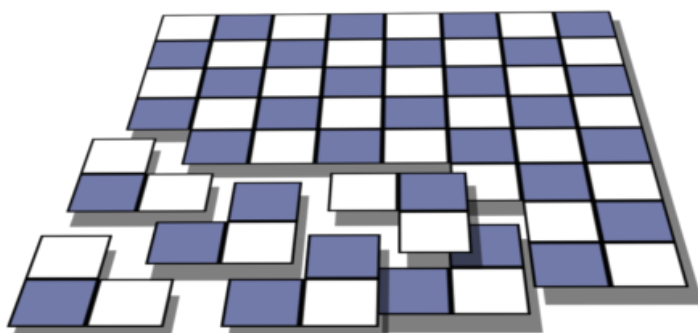# Math Challenge Problem

for September 2012

Checkerboard Cut-up

You have a standard 8×8 checkerboard and a pair of scissors. If you only cut along the lines, you can create 21 L-shaped tiles (each made up of 3 checkerboard squares - no gluing allowed). However, doing so will leave one single square left over.

The Challenge: Which of the original 64 squares could the extra, unused square be?

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

The best solution will be posted on the Math Challenge Problem webpage, and the submitter will receive a *PRIZE!*.

At the end of the semester, all submitters of correct solutions to challenge problems will be entered into a drawing for a *BIG PRIZE*.