Math Challenge Problem
for September 2012

Checkerboard Cut-up

You have a standard $8 \times 8$ 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.