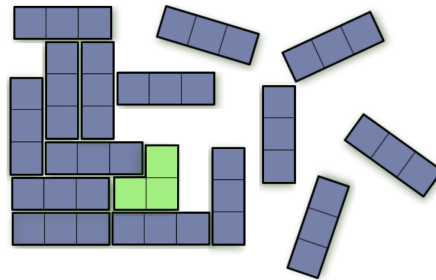


MATH CHALLENGE PROBLEM

for early September, 2015

Almost a square



You have 15 3×1 rectangular tiles, plus one “L” shaped tile (made up of three 1×1 squares). You would like to use these tiles to cover the floor of your 7×7 dorm room. Of course doing so will leave a 1×1 square missing, but you figure you will put a plant there to cover up the hole.

The Challenge: Prove that such a tiling is possible, but that the missing square cannot be adjacent to the wall (i.e., on any side of the square).

Submit solutions to Ross 2239G or oscar.levin@unco.edu by **Tuesday, September 15**.

The best solution will be announced at the following Math Club (Wednesdays at 4:30)
and WIN A PRIZE!

Prizes include nifty Rubik’s style puzzle cubes, math puzzle books, math games, even a math coloring book. So submit your answer TODAY!