MATH CHALLENGE PROBLEM
for early February 2016

Game of Pawns

*Pawn Only Chess* gives each player 8 pawns and no other pieces. The standard starting position is to have all pawns on the player’s second row (just like they are in regular chess). This is not the only way you might think of starting though. Call a pawn placement *reasonable* if each column on the board contains exactly one pawn of each color, and has the white pawn “below” the black pawn (so that the pawns do not have an unobstructed path to the far end of the board).

**The Challenge:** How many reasonable pawn placements are there?

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

The best solution 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!