

## SPS Problem of the Week 10/10/2020-10/17/2020

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**Problem 1.** Suppose you and I play the following game. On a rectangular table we start placing pennies one by one such that any new penny placed doesn't touch any penny previously placed. Eventually no more pennies can be added, and the person who places the last valid penny wins.

*The question is:* Who has to go first for you to have a winning strategy? (And what is this strategy?)