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Jason Callahan* (jasonc@stedwards.edu), St. Edward's University, 3001 South Congress Ave,
Austin, TX 78704. *Chutes, Ladders, and Markov Chains*.

Using Markov chains, we prove a conjecture that on any *Chutes and Ladders* board with n squares, uniformly distributed spinners of range $n - 1$ and n always yield equal expected game lengths. We then show that non-uniformly distributed spinners can yield shorter games than uniformly distributed spinners but can also lead to seemingly paradoxical results when the related Markov chain is not absorbing. (Received September 12, 2016)