

AMath Tea Time — Puzzle #10

6 October 2015

Problem

Homer goes on the 100-Donut Diet. A 100-Donut Diet Plan specifies how many of 100 total donuts Homer will eat each day. The diet requires that the number of donuts he eats does not increase from one day to the next. For example, one 5-day Donut Diet Plan is 40, 25, 25, 8, 2.

Are there more 100-Donut Diet Plans with an odd number of days or plans where Homer eats an odd number of donuts on the first day?

Hints

If you have any puzzles to share then send them my way at cswiercz@uw.edu!