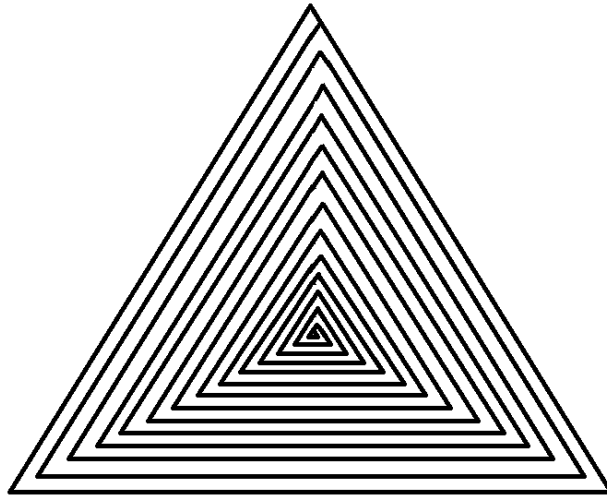


Week #7 Fall 2023



Problem of the Week



Georgette is making string art by gluing string over the lines above (image is not to size). How many inches of string will she need if the distance between the sides of any larger triangle to the sides of the next smaller triangle is always 1 inch (assume that the triangle in the center is just a point)?

Undergraduates may submit solutions to the Mathematics Department office, 1150 FAB **or** by email to mathpow@wayne.edu by noon 11/14/2023. Include your name, ID number, and whether you have completed Math 2030 (or higher). For more information go to <https://clas.wayne.edu/math>. Solutions will be posted online and throughout the math department after the deadline.