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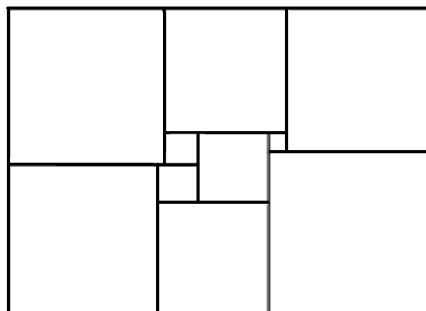
MATHEMATICS PROBLEM OF THE MONTH October

Directions: To be considered a complete solution, you must include your name and Westminster email with all work organized neatly. Place your answer in the folder below or email them to Dr. Jauch by **4:00 PM on the last weekday** of the month. Solutions will be posted next to the following month's problem. At the end of the semester, the student(s) with the most correct solutions will be treated to dinner with some members of the Mathematics & Physics Department.

Problem 1

Consider the image below of a rectangle made of squares of varying sizes. If the two smallest squares have side lengths of 3 units and 5 units respectively. Find the side lengths of all the squares (all work must be shown). ([Link to Larger Image](#))

Email Solution:



Digital Copy of problem:

