June 15: Fill-er-up!

The Rules

In each of the following puzzles, a grid of squares is subdivided into blocks of squares. Think of these blocks as vessels that have been stacked vertically. Some or all of the vessels contain liquid (Dr. Jack's coffee?) that follows the rules you'd expect: (1) vessels fill from the bottom and (2) the level of the liquid in a vessel is the same across its full width. The numbers outside the grid show the number of filled cells horizontally and vertically.

Example:



Puzzle 1: Easy (1 point)



Puzzle 2: Bigger (1 point)



Puzzle 3: Even Bigger (1 point)



Puzzle 4: Hardest (2 points)



Send solutions to mathcschair@obu.edu by June 29