Math Problems

\[ \int_{1}^{e} \log(x^2) \, dx \]

\[ \int x(1 - x)^{2014} \, dx \]

\[ \int \sin(2x) \cos(3x) \, dx \]

\[ \int_{0}^{\pi} \frac{\cos^2(x)}{1 + \sin(x)} \, dx \]
In-N-Out Loop

Draw a single closed loop that passes through every cell. Each time the loop enters a bolded region, it must pass through the same number of cells before exiting the region. Regions with a number in them indicate how many cells the loop passes through each time in the region before exiting.