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.

