Print your name:

**Spandan Das**

Today's date:

**9/3/2019**

Class period:

**3**

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1. Use your student ID as the random number seed.

2. Initialize a grid 30 rows -by- 40 columns.

3. Each slot has a 60% chance to be turned ON.

4. How many slots are actually turned ON?

**690**

5. What percent of the 1200 total slots is this?

**57.5%**

6. How many of the 30 slots in the left column are on?

**21**

7. How many of the 30 slots in the next column are on?

**17**

8. Of the on-slots in column #2 how many are adjacent to an on-slot from column #1?

**21**

9. Initialize 100 grids instead of just one.

10. What is the average percent from Question #5 over all of these grids?

**59.9%** (71898 total)

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END