

1. What is your name?

Brock Francom

2. Call to mind Sybil's dice-rolling experiment that is described in Item #5-E of our agenda for Meeting #6. Write a paragraph that explains either why or why not that Sybil's experiment produced random outcomes according to the following definition:

032-A. Definition for *random outcome*: : The outcomes of Ω are *random* \Leftrightarrow
 $(p \in \{ \text{probability measures on } \Omega \} \wedge (p(\{x\}) = p(\{y\}) \forall x, y \in \Omega))$

Her experiment does produce random outcomes. In her experiment, There exist 36 possible outcomes. Assuming the dice are fair, each number is equally likely to appear on any given toss. Therefore, The probability of any event in Ω is $\frac{1}{36}$, which, by our definition above, constitutes a random outcome.

3. Smile.