1. What is your name?

Brock Francom

2. A number is randomly selected from { 1, 2, 3, ..., 100 }. What is the probability that 58 is selected? 100 = .01

3. A number is randomly selected from [1, 100). What is the probability that 58 is selected?

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4. A number is randomly selected from [1, 100). What is the probability that the number selected is an element of [50, 60)?

number of elements in [50,160] (number of elemens in [1,50))+ (number of els. in [60,100))

"bigger" 00

So probability that the number is in [50,60) is less than I, but I am not sure how to do much more.

After looking at the solutions, It depends on the sample space.

5. Smile. I therefore stack by my earlier conclusions.