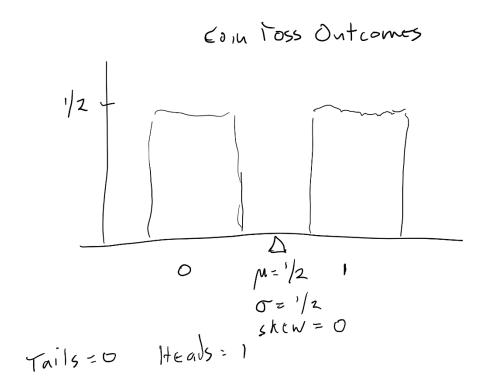
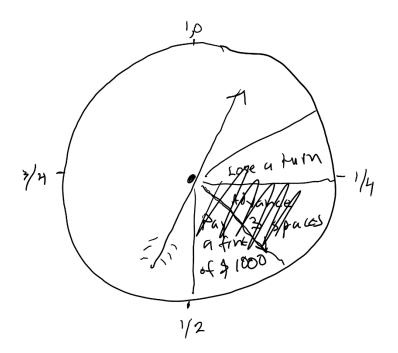
Here's a picture of the probability distribution of a Bernoulli random variable with p(success) = ½. We arrived at our conclusions regarding mean, standard deviation, and symmetry just by thinking about the variable:



Here's a picture of a game spinner, relabeled to become a random process that would lead to a uniform distribution on the interval (0,1).



And here's a picture of the corresponding probability density function, along with our logical guesses at the values of descriptive statistics. (Our intuition about the sd was actually wrong; we should have said about ¼ rather than about ½.)

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