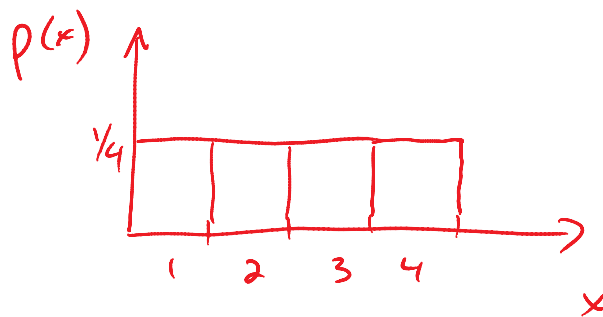


## Section 7.2: The Central Limit Theorem

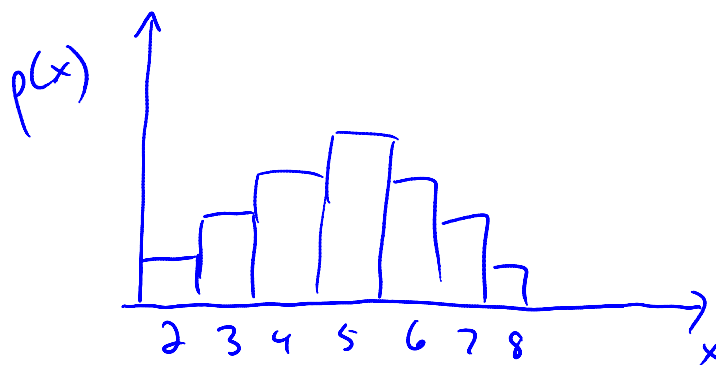
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The Central Limit Theorem says that under general conditions, the sums and means of random samples of measurements drawn from a population tend to have an approximately normal distribution.

example: suppose you roll a fair 4-sided die. what's the probability distribution?



what if you roll two fair 4-sided dice?



∈ we calculated this in chapter 4

three dice? four dice?

- mound-shaped