

4: Binomial Probability Distribution

Binomial Probability Distribution

This calculator computes $P(a \leq x \leq b)$, where x is a binomial random variable, and a and b are the lower bound and the upper bound for x respectively. Please report the error to Dr. Jessica Kuang at jkuangATvcccd.edu.

To learn how to use this calculator, watch a [short video](#) here.

Input

Enter the lower bound and the upper bound for the number of successes, the number of trials (n), and the probability of success (p), and then hit Calculate.

Lower Bound:	Upper Bound:	n :	p (enter a decimal):
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Calculate

Output

Probability:

Scientific Calculator

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