

How to Use the TI-83 for Chapter 5

I. Probability Distributions

To find the mean and the standard deviation for a probability distribution, remember to write down the formula.

Input the values for the random variable x into List 1.

Input the corresponding probabilities into List 2.

Calculate the mean and the standard deviation as before.

II. Binomial Distributions

A. To find a probability, you will need n , x , and p .

B. Press the following keystrokes:

Distr (2nd Vars)

↓ Binom(pdf Enter

Input n , p, x) Enter

You should now see the probability on your home screen.

Remember to write down the formula that you are using.

Remember the rounding rule.