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372	Table of Binomial Probabilities	Author	Charlie Watson
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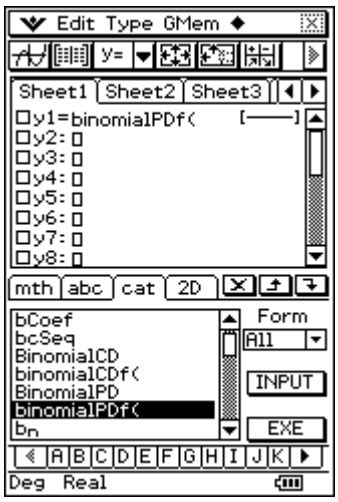
Start in Graph and Table.

We will create a table of probabilities for $X \sim B(10, 0.3)$.

Activate the keyboard.

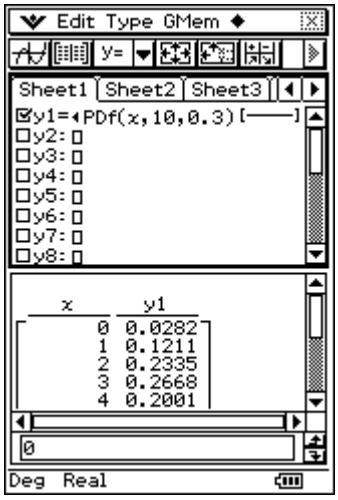
Tap cat, B and scroll down to select binomialPDf(.

Tap **INPUT**.



The required syntax is binomialPDf(*x, n, p*) where *x* is the required number of successes, *n* is the number of trials and *p* is the probability of success.

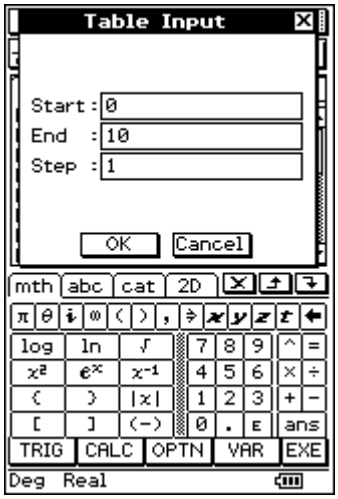
Complete the expression binomialPDf(*x*, 10, 0.3) and tap **EXE**.



Tap  to open the Table Input window.

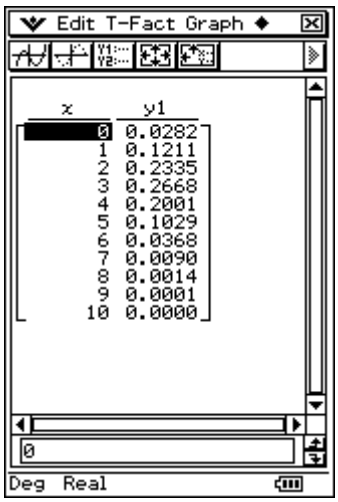
For $n = 10$ we need to set Start to 0, End to 10 and Step as 1.

Tap **OK**.



Tap .

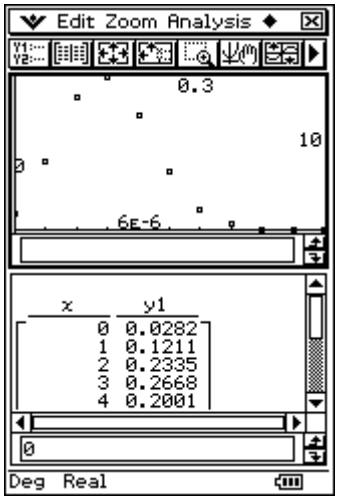
Tap **Resize**.



To view a graphical representation of the values, tap .

Tap .

The eleven probabilities are plotted and scaled to fit the window.



Tap onto any number in the y1 column.

Tap ♦ and then **Table to List**.

The Store Data window opens.

Type in a suitable name for the list and tap **OK**.

The list may then be opened later in Main, Statistics or Spreadsheet.