

How to Use the TI-30X IIS  
Chapter 5

For binomial probability,

$$P(x) = C(n,x) \cdot p^x \cdot q^{n-x}$$

Input "n"

Prob → nCr "="

Input "x"

Times

Input "p"

"^" (carat key)

Input "x"

Times

Input "q"

"^"

Input "n-x" "="

For Example:

$$P(4) = C(10,4) \cdot .23^4 \cdot .77^6$$

Keystrokes:

10 Prob → nCr = 4 Times .23 ^ 4 Times .77 ^ 6 =

Should see .122 on your screen for the probability.