

### How to Find binompdf function

#### (Section 4.2 – Practice with Example 6 from Lecture Notes)

- You are given  $n$ ,  $p$ ,  $q$ , and  $x$  values

Now in the calculator...

**2<sup>ND</sup> – DISTR -- ↓↓** (Scroll down until you see Binompdf) – **ENTER**

(If you have a TI-83...)

Type in your values for  **$n$  -- , --  $p$  -- , --  $x$  -- ) – **ENTER** (There should be commas between each value)**

(If you have a TI 84...)

It will ask you for the “trials:”, you type in your  **$n$**  value, then **ENTER**

It will ask you for the “p:”, you type in your  **$p$**  value, then **ENTER**

It will ask you for the “x value:”, you type in your  **$x$**  value, then **ENTER – ENTER** (on the word Paste)

**ENTER** (once you see it back on the main screen “binompdf(...)” with your  $n$ ,  $p$ ,  $x$  in that order)

Keep in mind that this gives you the probability value for “exactly” an  $x$  amount.