

How to Find invNorm function

(Section 5.3 – Practice with Example 1 from Lecture Notes)

- You are given the area value

Now in the calculator...

2ND – DISTR -- ↓↓ (Scroll down until you see invNorm) – **ENTER**

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

Type in your value for **area** – **ENTER**

(If you have a TI 84...)

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

It will ask you for the “ μ :”, you leave it at **0**, then **ENTER**

It will ask you for the “ σ :”, you leave it at **1**, then **ENTER – ENTER** (on the word Paste)

ENTER (once you see it back on the main screen “invNorm(...)” with your area, 0, 1 in that order)

Keep in mind that this gives you the z score that matches with the given area under the normal curve.