

How to Find ZInterval function

(Section 6.1 – Practice with Example 4 from Lecture Notes)

- You are given the mean, standard deviation, sample size and confidence level

Now in the calculator...

STAT – \Rightarrow \Rightarrow (to get to Test) -- \Downarrow (Scroll down until you see ZInterval) – **ENTER**

Make sure **STATS** is highlighted on the first row, since you have the values already given to you

Type in your values for standard deviation (σ), mean (\bar{x}), sample size (n) and confidence level (c-level) –
 \Downarrow -- **ENTER** on Calculate

Keep in mind that this gives you the confidence interval for a z-distribution (from section 6.1). You can use this to check your work, but you must show work on an exam.