

### How to Find TInterval function

#### (Section 6.2 – Practice with Example 3 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 TInterval) – **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 ( $Sx$ ), 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 t-distribution (from section 6.2). You can use this to check your work, but you must show work on an exam.