

A sample of 68 items with mean of 263 was taken from a population with a known standard deviation of 2.56. Determine the 99% confidence interval for the population mean based on this sample.

In Statistics, tap **Calc, Interval**.

In the next window check that a *One-Sample Z Int* is selected and then tap the **Help** box.

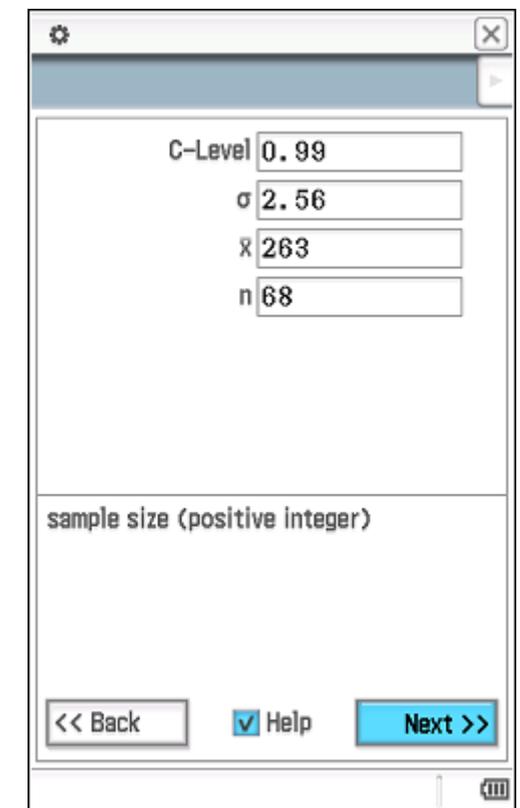
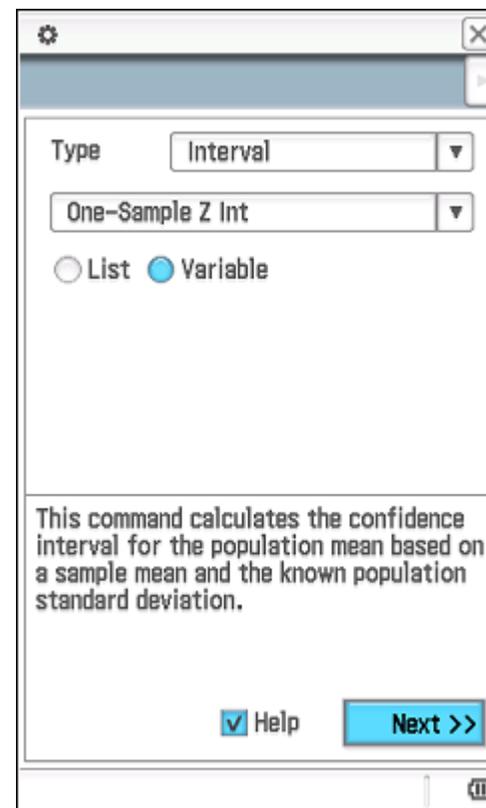
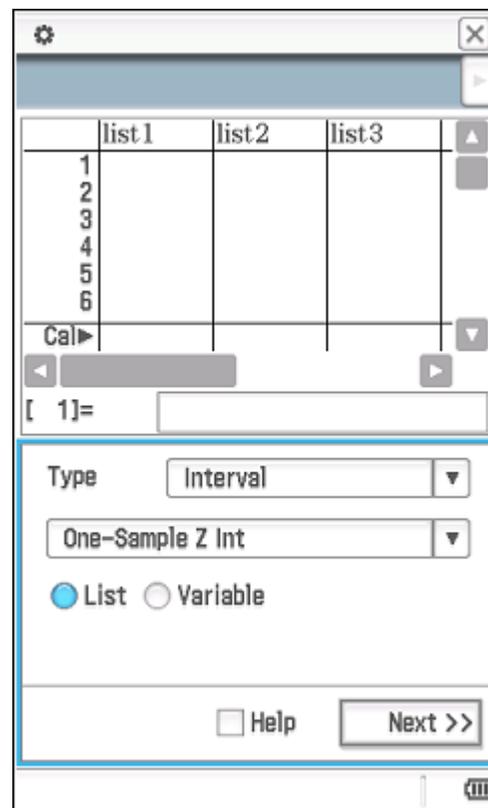
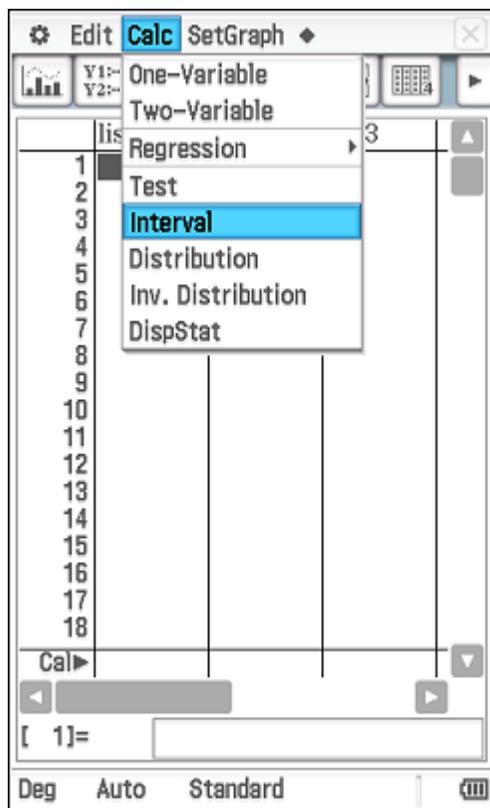
Select **Variable** rather than List.

The CI will be calculated from supplied variables.

Tap **Next**.

Enter the 99% confidence level as a decimal.

Enter the other parameters and tap **Next**.



The lower and upper bounds of the confidence interval are displayed, together with the sample mean and size.

Tap  to close the Interval tool or back together with the sample mean and size. to modify the interval parameters.

