

C. Using the same data, calculate the 99% confidence interval assuming the results came from a city of 1,500 voters.

III. Restaurant customers leave a tip approximately 70% of the time. A 95% confidence interval for the tips proportion is desired. The answer should be correct within $\pm 5\%$. How many customers must be surveyed? Computer users set s to $\sqrt{.21} = .458$.

IV. Linda will consider opening a new video showcase in towns with average family income over \$35,000. She requires a 99% confidence interval. The estimate should be within \$1,000 of the population mean. Recently gathered data indicates the population standard deviation is \$4,000. What size sample is required?

Can you believe it's time to review again?
Begin with the Formula Review on pages 76-77.
Then look at the relevant sections of pages 162,
164, and 166.

