

M9X & M9Y - Advanced Placement Statistics
Chapter 9 - Confidence Interval for a Population Proportion

April 5, 2017

Dear Students,

Please study very carefully section §9.2 of your textbook on how to construct a *confidence interval* (C.I.) *for a population proportion*. Remember that your responses, as we did in class today, should include all four steps

1. checking that all required conditions are met,
2. presenting the correct formula for the C.I.
3. substitute the correct values for all variables and use your calculator to compute the C.I., and
4. interpret the C.I. in context

Also, you should know how to calculate the minimum required sample size to achieve a specific *bound of error*.

Once you finish studying, proceed by answering problems: 9.14, 9.26, and 9.32

Please remember that your work should be uploaded electronically and not turned in by email or on paper.

Mr. Demopoulos