

Chapter 7 Test Topics

- ✓ Choose the appropriate distribution: standard normal, student-t, chi square
- ✓ Estimating a population proportion: find the best point estimate, critical values (z), margin of error, confidence interval, sample size
- ✓ Estimating a population mean (when σ is known): find the best point estimate, critical values (z), margin of error, confidence interval, sample size
- ✓ Estimating a population mean (when σ is unknown): find the best point estimate, degrees of freedom, critical values (t), margin of error, confidence interval, sample size
- ✓ Finding the best point estimate & margin of error from a confidence interval
- ✓ Estimating a population variance or standard deviation: find critical values of chi-square, confidence interval, sample size