Chapter 8 Test Topics
Hypothesis Testing

- ✓ Null & alternative hypotheses
- ✓ Test statistics: for a proportion, mean, & standard deviation
- ✓ Critical (or rejection) region and critical values
- ✓ Significance level
- ✓ Two-tailed test, left-tailed test, right-tailed test
- ✓ Testing a hypothesis using the critical value method
- ✓ Appropriate conclusions when testing a hypothesis (table must be memorized)
- ✓ Type I and type II errors
- ✓ Testing claims about a population proportion
- ✓ Testing claims about a population mean (with σ known & with σ unknown)
- ✓ Testing claims about a population variance or standard deviation