

Ch. 9 Solution Sheet

- a) H_0 : _____ H_a : _____
- b) In words:
 H_0 :

 H_a :
- c) In words, clearly state what your random variable \bar{X} or P' represents:
- d) State the distribution of the test: _____ \sim _____
- e) Test Statistic: t or z = _____
- f) p-value = _____
- g) Sketch a picture of the situation.
- h) Indicate the correct decision and conclusion:
- | alpha | decision | conclusion |
|-------|----------|------------|
| | _____ | _____ |
| | _____ | _____ |
- i) Construct a confidence interval.