Be able to determine what types of tests is being described.

- One mean
- One proportion
- Comparing Two Independent Means
- Comparing Two Independent Proportions
- Comparing proportions from dependent samples
- Comparing means from dependent samples.

Be able to do find all of the following for the above tests.

- Be able to determine if the assumptions are met or not.

- Write the correct hypothesis statement using the correct parameter(s).
  (Be careful with the two sample tests.)

- Create a test statistic using the Statistical Inference table and the general format of a test statistic.
• Use the correct distribution to obtain a p-value and be able to find the p-value on output.

• Make a correct conclusion based on the p-value.
  - p-value small → Supports $H_a$

Confidence Intervals.

• Be able to determine if the assumptions are met or not.

• Be able to compute the formula and be able to find on Minitab output.

• Be able to interpret the confidence interval.
  - (CI include zero or $H_0$)
Other topics

Type I / Type II error

Level of Significance

Practical/Statistical Significance