

Class 19 Worksheet  
Stat 11 with Prof. Suzy

Group: \_\_\_\_\_

Reporter: \_\_\_\_\_

**Instructions:** Work with your group to complete this worksheet. For each of the following statistical methods, state

1. the parameter of interest (if there is one),
2. the number of variables involved, and
3. the type of variables involved.

You may use the internet to help you search for the right answers.

Problem 1) A Z-test for a proportion

- 1.
- 2.
- 3.

Problem 2) Z-test for a difference in proportions

- 1.
- 2.
- 3.

Problem 3) T-test for a mean

- 1.
- 2.
- 3.

Problem 4) T-test for a difference in means

- 1.
- 2.
- 3.

Problem 5) Chi-squared test of Homogeneity

- 1.
- 2.
- 3.

Problem 6) Chi-squared goodness-of-fit test

- 1.
- 2.
- 3.

Problem 7) Chi-squared test of independence

- 1.
- 2.
- 3.