

Name: _____

CP Statistics

Project #1: Analysis of Categorical Variables

Due date: "A" Monday 9/28

"B" Tuesday 9/29

All graphs should be done by hand without the use of computer programs.

You will lose 10 points each day your project is late.

Project #1 Checklist

POINTS

- Each person will collect at least 20 data (1 point)
 - *Collect 40 if you work with a partner
 - *Show your data on a separate sheet of paper

ON THE POSTER

- Title of the project (1 point)
- The survey question and options (1 point)
 - *Must have at least 4 options and one for "other"
- Population (be specific, not too broad) (1 point)
- Individuals (1 point)
- Organize your data table:
 - # of data in the sample (1 point)
 - Percentages (1 point)
 - Degrees (1 point)
 - Totals (1 point)
- 2 Bar Graphs:
 - one with the counts (3 points)
 - one with percents (3 points)
- 1 Pie Chart (3 points)
- Summary of your survey (2 points)
 - *Make sure to include how you specifically collected the data and what your findings are in the summary.
- Make your poster appealing (Tidy and colorful): **Points can be deducted!**

TOTAL

_____/20 points