

Hello Soon-to-be-Statisticians!

There are a few items I'd like you to take care of before we jump into content next fall.

\* Please secure a copy of the textbook. It is the same one used this year so you may be able to find a copy on campus. You will need this the Monday following Senior Retreat.

Title: The Practice of Statistics, 5<sup>th</sup> Ed

Authors: Starnes, Yates, Moore

Here's the link to the options:

<http://www.macmillanlearning.com/Catalog/product/practiceofstatistics-fifthedition-starnes/valueoptions#tab>

Amazon, Half.com, etc will have copies available probably cheaper. Kelsey Zeng and Tanner Carr have books available. Let me know if you need their contact information.

\*Read Chapter 1: Exploring Data (pgs. 1-68) and answer the following questions:

Pg. 6 #1-8 all

Pg. 41 #9-67 odd

Pg. 47 #69-78 all (due Monday after Senior Retreat)

\*Either list or make notecards of all Chapter 1 vocabulary and formulas (apps are welcomed). (due 1<sup>st</sup> day of school)

\*Finish FRQ #1 below. (due Monday after Senior Retreat)

\*A little writing assignment:

Why did you want to take AP Statistics?

What are two goals you have for the class? How are you going to achieve them?

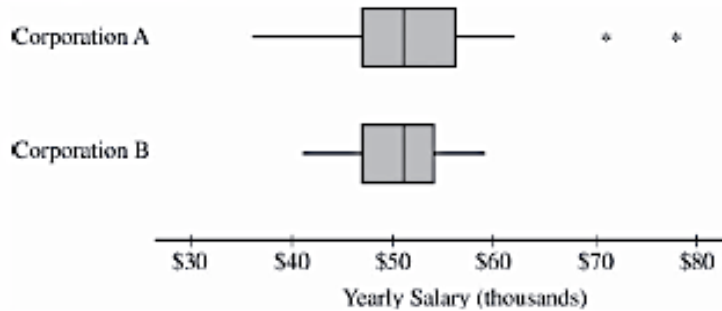
What is statistics? (due 1<sup>st</sup> day of class)

\*Most of you will find a new appreciation for your calculator next year, so if you don't have an operating TI-Nspire make sure to get one this summer!

Look forward to seeing everyone in August!

Ms. de la Fe

1. Two large corporations, A and B, hire many new college graduates as accountants at entry-level positions. In 2009 the starting salary for an entry-level accountant position was \$36,000 a year at both corporations. At each corporation, data were collected from 30 employees who were hired in 2009 as entry-level accountants and were still employed at the corporation five years later. The yearly salaries of the 60 employees in 2014 are summarized in the boxplots below.



- (a) Write a few sentences comparing the distributions of the yearly salaries at the two corporations.
- (b) Suppose both corporations offered you a job for \$36,000 a year as an entry-level accountant.
- Based on the boxplots, give one reason why you might choose to accept the job at corporation A.
  - Based on the boxplots, give one reason why you might choose to accept the job at corporation B.