

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, 6<sup>th</sup> Ed  
Authors: Starnes, Yates, Moore

Here's is the way to order from the publisher:

Please reach out to the BFW Warehouse. You can provide the product information that the school or that your teacher has provided for you, as well as your payment information on the phone with the customer support team or through email (whatever is preferable for you!)

Bedford, Freeman, & Worth Ordering Information:

MPS (BFW & Macmillan Learning Warehouse)

Address:

16365 James Madison Highway  
Gordonsville, VA 22942

Phone & Fax Your Order:

Toll Free: 540-672-7744

Fax: 540-672-7542

Email your order:

[highschool@mpsvirginia.com](mailto:highschool@mpsvirginia.com)

Hours:

9am - 5pm EST

Amazon, former students, etc will have copies available probably cheaper especially if you order early enough.

\*Read Chapter 1: Exploring Data (pgs. 1-46) and answer the following questions:

Pg. 7 #1-9 all

Pg. 24 #11-39 odd, 40-43 all

Pg. 47 #45-79 odd, 80-85 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?

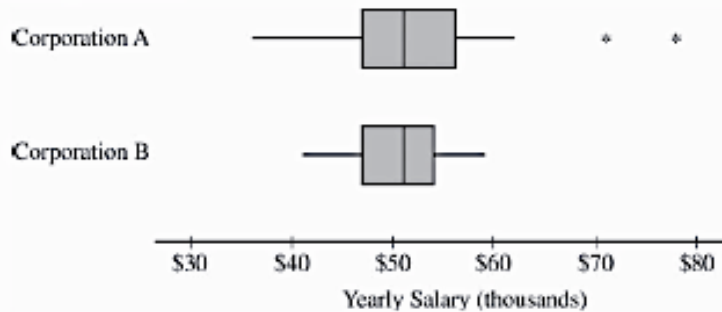
What is statistics? (due 1<sup>st</sup> day of class)

\*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. Julie 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.