

# IB Math - Assignment #1

*due Friday, September 7th, the third day of class*

## Part 1 - The IB Math Website for this Class

Go to <http://blogs.4j.lane.edu/cedarlund/> and do the following:

- A. Find the **Daily Assignments** header on the right side. This is where I post daily assignments and other occasional information. I update this site by the end of the school day, sometimes by lunch. You are required to check this site after any absence, preferably the day you are absent.
- B. Next, go to **Course Information** and select **IB Math Information**. Here you can access a detailed list of topics on the official IB Syllabus for IB Math Studies. There will be other items posted here as the course progresses.
- C. Now go to **IB Math Project Support**. Later this trimester you will learn about the *Internal Assessment* which is a data driven project required as part of the IB Math Curriculum.
- D. Lastly, go to **IB Math Exam Review and Preparation**. This section will be used later in the year.

## Part 2 - The Basics on Descriptive Statistics

- A. Go back to **Daily Assignments**. Now scroll to the bottom and write down the 2<sup>nd</sup> of four cities outside the United States, where Mr. Cedarlund lived for three years. Write this city down on the top of the assignment you will do, the one listed on the back side of this sheet.
- B. You'll need to get some background and terminology to start the study of statistics. To get this background, you will see a link to a "**Stat Trek**" website, an AP Statistics tutorial resource. Notice the top of the box on the left side titled *AP Statistics Tutorial*.
  - i. Under **Exploring Data**, select the red header called "*The Basics*". For Variables, Population/Sample, and Central Tendency, watch the videos or read the sections or both. You don't need to take detailed notes, just watch for familiarity.
  - ii. Under the red header called "*Charts and Graphs*", either read or watch the videos or both for Patterns in data, Dot Plots, and Histograms, and Stemplots.

continue to back side



### Part 3 - Work some Problems on Statistics

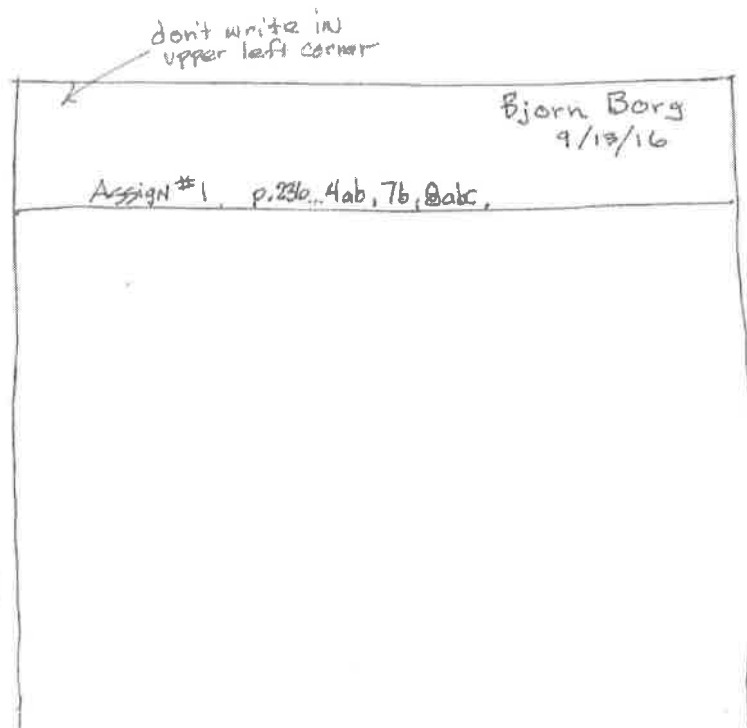
You will do some problems from a packet out of a book called "*Mathematics for the International Student, Mathematical Studies*" (by Haese and Harris out of Australia). Pick up the packet in class from on Ch. 6 (Descriptive Statistics). Do the following problems on separate paper.

-Skim pp. 159-168

-Do p.160....6A...1 a to g  
p. 165....6B...4  
p. 167...6C...2 and 3  
p. 168...6D...1 and 4

It only looks like there are 6 problems but some of them have multiple parts. Be neat and accurate.

*Your header on assignment papers should look like below:  
(Name should be in ink)*



*Don't forget to write down the 2<sup>nd</sup> of four international cities where Mr. C lived.*

