

Assignments from FYE 2015:

Assignment 1:

Create three graphs, similar to the graphs you drew in class from the video of a free fall from 128,000 feet, what I demonstrated about reading the Facebook article, and how Ellenberg describes relationships in Chapter 1. For each graph, describe what the variables mean, and why you have sketched it with that shape.

1. Graph 1 should describe something you do or see in a typical day.
2. Graph 2 should be from a national or international event or phenomenon.
3. Graph 3 should be from a picture of something that interests you (from your own pictures or found online, but cut and paste it onto the homework page).

Submit this assignment electronically with your explanations typed. Sketch your graphs by hand, but you will probably need to take pictures of them to put them on the document with your typed explanations.

Assignment 2:

Read Chapter 5 and the attached 4-page article: *The Middle Class May be Under More Pressure than You Think*.

Write in your journal (and review what makes a good journal prompt before you submit):

In the article, how did re-defining what makes a family 'middle class' change what the authors were able to find out about the wealth and income of families? What is your opinion of the way they defined the three groups?

Assignment 3:

Read the article *Missing Black Men* at:

http://www.nytimes.com/interactive/2015/04/20/upshot/missing-black-men.html?_r=0 (Links to an external site.). Be ready to explain the graphs, and especially the two normal curves in the article and what their relationship tells you about the populations.

Assignment 4:

Read Chapter 3. This chapter is not difficult to read and has some very fun parts. On Monday, bring to class, typed:

If your last name begins A-N, bring a one-paragraph summary of the chapter.

If your last name begins P-Z, bring three questions that could be used to prompt a good discussion about the important ideas of the chapter.