**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_**

**Algebra Type III**

**December 17, 2012**

Given the problem below, you are to explain how to simplify the statement first, then solve it. You are also to explain the proof, dance floor, and graph.



Your purpose is to better understand solving statements by thinking about common mistakes that students might make when completing it. Your purpose is to also understand and avoid these mistakes yourself.

You are writing from the lens of a mathematics scholar.

Your teacher and your peers.

One paragraph explaining how to simplify, solve, prove, and graph the above statement.

1. **Organization.** In first or third person format, write 1 well-written and fluid paragraph. Please explain how to solve this statement and WHY you are doing each step. **(3 points)**

2. **Content.** Your explanation must be mathematically correct. You must write at least 2 sentences for EACH of the nine steps to solving statements; one detailing WHY you do each step, the other explaining specifically WHAT you did with this statement. You must also state clearly what the solution set is (i.e., “*n > 6”*). **(1 point for each sentence, 18 points total)**

3. **Grammar:** Use at least two conjunctive adverbs with correct punctuation. They MUST be highlighted to receive credit. **(2 points each, 4 points total).**

Additionally, for each error with a retired S1 CRS FCA (apostrophes, homonyms, subject/verb agreement etc.), two points will be automatically deducted.

1. \_\_\_ Read the cover sheet and highlight key information
2. \_\_\_ Complete the reverse side of this sheet.
3. \_\_\_ Be sure to write down WHY you are doing each step.
4. \_\_\_ Be sure to write down specifically WHAT you did here for each step.
5. \_\_\_ Hand-write your rough-draft on lined paper, and be sure to leave 6 lines open at the top for FCAs.
6. \_\_\_ Review your FCA’s to make sure you have included all requirements
7. \_\_\_ Highlight both of your conjunctive adverbs

THIS PAPER IS DUE BY THE END OF CLASS TODAY! Please work hard to finish your brainstorm and writing immediately after you finish your test!

**Assignment**

**Summary:**

**Purpose:**

**Role:**

**Audience:**

**Form:**

**FCAs:**

**Procedure &**

**Due Date:**

**THIS IS YOUR COVER SHEET. ATTACH ALL PARTS OF THIS ASSIGNMENT BEHIND THIS SHEET.**

Below we have written a “skeleton” of how to solve this statement. Please use your checklist to help you solve the statement

Proof:

5 – 3( n – 4 ) > 2n + 7 5 – 3( ( ) – 4 ) > 2( ) + 7

Graph: