**AUTHOR’S NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

SCORE:

25

**GRADER’S NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Algebra Type III Grading Rubric**

**December 17, 2012**

*Please put a check mark or an “X” in each space provided*

**FCA #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)**

\_\_\_\_\_ Did the writer remember to indent the first line of their paragraph?

\_\_\_\_\_ Did they skip lines?

\_\_\_\_\_ Did they write the FCA’s at top of their paper?

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)**

**For each step, put a check mark if they had a sentence that was SIMILAR to the phrase in quotations**

**\_\_\_\_\_ Step # 1, Part I:** *“Keep-Change-Changed the 3 and 4”*

**\_\_\_\_\_ Step # 1, Part II:** *“The reason we keep change change is that is makes* simplifying easier”

**\_\_\_\_\_ Step # 2, Part I:** *“I put the one in front of the n inside the parenthesis”*

**\_\_\_\_\_ Step # 2, Part II:** *“The reason we put the one in front of variables is because is helps us multiply and add terms with variables”*

**\_\_\_\_\_ Step # 3, Part I:** *“I didn’t need to draw the proof to the right b/c it was already drawn”*

**\_\_\_\_\_ Step # 3, Part II:** *“The reason we prove is that so we can check to see if our solution is correct”*

**\_\_\_\_\_ Step # 4, Part I:** *“I didn’t need to draw the fence, so I drew the territories on either side of the fence*

**\_\_\_\_\_ Step # 4, Part II:** *“The reason that we draw the territories is that it reminds us what tresspassers need to be eliminated on each side***”**

**\_\_\_\_\_ Step # 5, Part I:** *“Next, I distributed the negative 3 on the left side and then combined like terms to get ”*

**\_\_\_\_\_ Step # 5, Part II:** *“We always need to simplify both sides of the statement first so we don’t eliminate the wrong tresspassers*

**\_\_\_\_\_ Step # 6, Part I:** *“I added the opposite to both sides of the statement, killing both tresspassers”*

**\_\_\_\_\_ Step # 6, Part II:** *“The reason we eliminate trespassers is so we are able to multiply by the reciprocal and see if this is a sign-turn situation”*

**\_\_\_\_\_ Step # 7, Part I:** *“I checked to see if it was a sign turn situation, and I write my reminders down below the statement”*

**\_\_\_\_\_ Step # 7, Part II:** *“The reason we write the reminders is because it reminds us what sign the solution should be and if we need to turn the sign”*

**\_\_\_\_\_ Step # 8, Part I:** *“Multiplied both sides by the reciprocal, which in this case was ”*

**\_\_\_\_\_ Step # 8, Part II:** *“The reason that we multiply both sides by the reciprocal is to create our solution where the variable is dating 1”*

**\_\_\_\_\_ Step # 9, Part I:** *“Now that I had the solution set of , I plugged in a number smaller than 2 to the proof”*

**\_\_\_\_\_ Step # 9, Part II:** *“We prove to see if our solution is correct”*

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

**Conjunctive Adverb #1**

**\_\_\_\_\_** Is it highlighted?

\_\_\_\_\_ Did they use proper grammar? (Semicolon, comma, etc.) and join two clauses with a subject and a verb?

**Conjunctive Adverb #2**

**\_\_\_\_\_** Is it highlighted?

\_\_\_\_\_ Did they use proper grammar? (Semicolon, comma, etc.) and join two clauses with a subject and a verb?

\_\_\_\_\_ Now, count up all of the check marks and write the total here

Lastly, write their score at the front of this rubric AND at the top of their Green Type III sheet.

If you have time, take a minute to write 1-2 helpful comments to the author: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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