Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_

1. Brandy and Raejon were told to determine if $y=2\left(x+2\right)^{2}-2x^{2} $ is a quadratic function or not. Their work is shown below:

 **Brandy Raejon**

$ y=2\left(x+2\right)^{2}-2x^{2} $ $y=2\left(x+2\right)^{2}-2x^{2} $



(a) Do you agree with Brandy or Raejon or neither? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) Why? Provide **evidence** and **warrants** to support your answer.

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**We Understand:**

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c) Write a mathematical argument to support your claim in part (a). We will use the argument rubric to grade your writing.

*Consider the following when writing your argument:*

* **CLAIM**: Do you agree with Brandy or Raejon or neither?
* **EVIDENCE**: Explain why. Who made a mistake? When? Show your work!!
* **WARRANT**: Math facts and definitions to support your evidence. (We Understand on front)
* Use complete sentences, correct math vocabulary, and be SPECIFIC.

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