

DEFENSE TOPIC: _____

- DEFENSE DIRECTIONS:**
- 1) Take the next 20 minutes to defend your mastery of the concept.
 - 2) One page of paper only.
 - 3) Look at the Defense Rubric to see how you will be assessed.
 - 4) Score yourself when you are finished.

DEFENSE RUBRIC:

Precise Definition	Visual Illustration	Example Construction	Purpose/Connection
Use symbols and precise language to define the concept and use them to construct meaning	Illustrate with a visual(s) that correctly uses mathematical language and symbols to build a logical progression of connected statements	Provide a rigorous example(s) or an application (routine or non-routine), to demonstrate deeper insight into the point you are making about the mathematics; explain the procedures selected and justify the reasoning behind your statements	Conclude with a purpose or connection (concept map) to the concept and other concepts covered throughout the course
Reasoning links that connect each component to produce a logical sequence of reasoning connecting the components			

DEFENSE SCORING:**Components**

75%	✓✓✓✓
70%	✓✓✓
65%	✓✓
60%	✓
35%	0

Reasoning*

85%	✓✓✓✓
80%	✓✓✓
Earned a 75%	✓

* To earn reasoning score, must have demonstrated a 75% on components.

To earn a 90% or higher, must solve a non-routine problem assigned by the teacher.