

**Platt High School Rubric
Mathematical Reasoning**

Student Name: _____

Teacher Name: _____

Date: _____

Class/Period: _____

	Exceeds Expectations	Meets Expectations	Needs Improvement	Does not Meet Expectations
Neatness and Organization	Work, diagrams, and/or sketches are: <ul style="list-style-type: none"> • Clear and greatly add to the reader's understanding of procedures • Presented in a neat, clear and organized fashion that is easy to read 	Work, diagrams, and/or sketches are: <ul style="list-style-type: none"> • Clear and easy to understand • Presented in a neat, organized fashion that is easy to read 	Work, diagrams, and/or sketches are: <ul style="list-style-type: none"> • Somewhat difficult to understand • Presented in an organized fashion but difficult to read 	Work, diagrams, and/or sketches are: <ul style="list-style-type: none"> • Difficult to understand or detract from understanding • Sloppy and unorganized. It is hard to know what information goes together.
Mathematical Accuracy	<ul style="list-style-type: none"> • Provides a response that is complete and accurate with no errors 	<ul style="list-style-type: none"> • Provides a response that is complete and mostly accurate, although it may contain minor errors 	<ul style="list-style-type: none"> • Provides a response that is somewhat accurate but contains major errors 	<ul style="list-style-type: none"> • Provides a response that is totally inaccurate
Mathematical Terminology and Notation	<ul style="list-style-type: none"> • Uses precise and accurate mathematical terminology and notation 	<ul style="list-style-type: none"> • Uses effective mathematical terminology and notation 	<ul style="list-style-type: none"> • Uses some mathematical terminology and notation 	<ul style="list-style-type: none"> • Uses no, or mostly inappropriate, mathematical terminology and notation
Mathematical Procedures	<ul style="list-style-type: none"> • Uses procedures that are most efficient and effective to solve the problem 	<ul style="list-style-type: none"> • Uses procedures that are effective to solve the problem 	<ul style="list-style-type: none"> • Uses procedures that are not effective to fully solve the problem 	<ul style="list-style-type: none"> • Does not use effective procedures
Explanation	<ul style="list-style-type: none"> • Provides a comprehensive summary of reasoning; rationale is indisputable 	<ul style="list-style-type: none"> • Provides a basic summary of reasoning; rationale is defensible 	<ul style="list-style-type: none"> • Provides an incomplete summary of reasoning and rationale 	<ul style="list-style-type: none"> • Does not provide a summary of reasoning and rationale

Comments: