

**Rubric for scoring mathematical writing (revised 6/4/2008)**

<b>I. Formatting</b>	<i>Weak (1)</i>	<i>Acceptable (2)</i>	<i>Outstanding (3)</i>	<i>Score</i>
General layout.	Poor or inconsistent choices.	Generally appropriate choices.	Consistently good choices.	
Proper alignment in displayed sequences of equations	No discernible alignment protocol	Occasionally inconsistent or non-standard alignment.	Standard alignment used throughout.	
<i>Subscore:</i>				
<b>II. Variables/Symbols</b>	<i>Weak (1)</i>	<i>Acceptable (2)</i>	<i>Outstanding (3)</i>	<i>Score</i>
Appropriate variable names.	Poor or inconsistent choices.	Notation sometimes ambiguous or misleading.	Consistently good choices.	
Appropriate use of symbols.	Excessive misuse of symbols.	Occasional misuse of symbols.	Consistently correct use of symbols.	
<i>Subscore:</i>				
<b>III. Typesetting (if applicable)</b>	<i>Weak (1)</i>	<i>Acceptable (2)</i>	<i>Outstanding (3)</i>	<i>Score</i>
Use of proper font.	Poor or inconsistent choices.	Generally appropriate choices.	Consistently good choices.	
Use of sub/superscript.	Poor or inconsistent choices.	Generally appropriate choices.	Consistently good choices.	
Formatting as mathematics.	No special formatting.	Generally appropriate formatting.	Consistently good formatting.	
<i>Subscore:</i>				
<b>IV. Logic</b>	<i>Weak (1)</i>	<i>Acceptable (2)</i>	<i>Outstanding (3)</i>	<i>Score</i>
Deductions are sound.	Many logical errors.	Only occasional logical errors.	Free of logical errors.	
Appropriate use of definitions.	Seldom applies definitions correctly.	Generally applies definitions correctly.	Consistently applies definitions correctly.	
Deductive steps are justified.	Many steps not justified correctly.	Some nontrivial steps not justified correctly.	All nontrivial steps are justified correctly.	
<i>Subscore:</i>				
<b>V. Exposition</b>	<i>Weak (1)</i>	<i>Acceptable (2)</i>	<i>Outstanding (3)</i>	<i>Score</i>
Writing is complete and economical.	Incomplete thoughts or excessive wordiness.	Generally complete and concise.	Always complete and concise.	
Appropriate variation in sentence structure.	Repetitious and rote sentence structure.	Only occasional repetition of sentence structure.	Good variety of sentence structure.	
All variables introduced/defined.	Many omissions.	Only occasional omissions.	Consistent introduction of all variables.	
All assumptions clearly identified.	Many omissions.	Only occasional omissions.	Consistent identification of all assumptions.	
Proper use of prose.	Poor word choice.	Generally adequate word choice.	Consistently good word choice.	
Spelling and grammar.	Many grammatical errors.	Some grammatical errors.	No grammatical errors.	
<i>Subscore:</i>				