

Math Journal Rubric

Name _____ Date _____ Class _____

Problem Solving

	Level 1	Level 2	Level 3	Level 4
Use of Strategies	limited range of strategies	demonstrates perseverance beyond first attempt at solution	tries several different strategies if necessary	modifies known strategies or creates new strategies

Understanding of Concepts

	Level 1	Level 2	Level 3	Level 4
Depth of Understanding	little or no evidence of understanding	limited understanding	competent understanding	thorough understanding
Explanation	partially complete and inappropriate	complete but inappropriate	appropriate and complete	appropriate, complete and applies concepts in a variety of ways

Application of Mathematical Procedures

	Level 1	Level 2	Level 3	Level 4
Errors and Omissions	major errors or omissions	several minor errors or omissions	few minor errors or omissions	practically no errors or omissions

Communication

	Level 1	Level 2	Level 3	Level 4
Use of Mathematical Terminology and Symbols	rarely uses appropriately	sometimes uses appropriately	usually uses appropriately	always uses appropriately

Communication of Knowledge

	Level 1	Level 2	Level 3	Level 4
Clarity	unclear and imprecise	some clarity and accuracy	clear, precise and accurate	in-depth and insightful
Use of Mathematical Terminology and Symbols	rarely uses appropriately	sometimes uses appropriately	usually uses appropriately	always uses appropriately

Overall Level 1, 2, 3, 4
