

Homework

	5 - Expert	4 - Practitioner	3 - Apprentice	2 - Novice	1 - Basic	0 - Incomplete
Mathematical Reasoning	Uses complex and refined mathematical reasoning	Uses effective mathematical reasoning	Some evidence of mathematical reasoning	Little evidence of mathematical reasoning.	Minimal evidence of mathematical reasoning.	
Mathematical Concepts	Explanation shows complete understanding of the mathematical concepts used to solve the problem(s).	Explanation shows substantial understanding of the mathematical concepts used to solve the problem.	Explanation shows some understanding of the mathematical concepts needed to solve the problem(s).	Explanation shows very limited understanding of the underlying concepts needed to solve the problem(s) or is not written	Explanation shows very minimal understanding of the underlying concepts needed to solve the problem(s) or is not written	
Strategy/ Procedures	Typically, uses an efficient and effective strategy to solve the problem(s).	Typically, uses an effective strategy to solve the problem.	Sometimes uses an effective strategy to solve problems, but does not do it consistently	Rarely uses an effective strategy to solve problems.	No effective strategy used.	
Completion	90-100% of problems are completed. All work is shown.	75-100% of problems are completed or work not shown for some	50-75% of problems are completed or minimal work shown.	25-50% of problems are completed or no work is shown.	0-25% of problems are completed or no work is shown.	
Mathematical Errors	90-100% of the steps and solutions have no mathematical errors.	Almost all (85-89%) of the steps and solutions have no mathematical errors.	Most (75-84%) of the steps and solutions have no mathematical errors.	More than 75% of the steps and solutions have mathematical errors.	Minimal work is without error.	