

MATH 211 – 212 – 213 PROBLEM OF THE WEEK COVER

Student Name _____
 Instructor _____
 POW # _____

Total Score _____/25
 Math 211 / 212 / 213 (circle one)
 Due Date: _____

Intermediate Reader's Mathematics Scoring Guide				
For each category, your SCORE will be circled & details to aim for will be underlined or highlighted in the next level				
CONCEPTUAL UNDERSTANDING <i>Interpreting the concepts of the task and translating them into mathematics WHAT?</i>	PROCESSES & STRATEGIES <i>Choosing strategies that can work, and then carrying out the strategies chosen HOW?</i>	VERIFICATION <i>In addition to solving the task, identifiable evidence of a second look at the concepts/ strategies/ calculations to defend a solution. DEFEND!</i>	COMMUNICATION <i>Using pictures, symbols, and/or vocabulary to convey the path toward the identified solution. THE CONNECTING PATH!</i>	
6 The task is changed into thoroughly developed ideas and is enhanced by other math ideas	6 Complex and/or enhanced processes and strategies are used to solve the task	6 The second time solving the task is enhanced, possibly by solving with a new strategy	6 The path connecting concepts and strategies to the identified answer is very clear and enhanced possibly by graphics or examples	
5 The task is changed into thoroughly developed math ideas that work	5 A thoroughly developed plan using pictures, charts, words, graphs, and/or symbols solves the task	5 The second time solving the task is clear, and thoroughly developed, checking all parts of the work	5 The path through all parts of the work toward the identified answer is thoroughly developed	
4 The task is changed into complete math ideas that can work	4 A complete plan using pictures, charts, words, graphs, and/or symbols is used to solve the task (all work is shown)	4 The check completely solves the task a second time checking ideas, math steps, and a solution	4 The path through the work toward the identified answer is complete	
3 Parts of the task are changed into math ideas that can work	3 The plan could solve parts of the task or the work is only partly shown	3 Some parts but not all of the work is checked	3 The path through the work is partly shown	
2 The concepts of the task are underdeveloped or the task is changed into some ideas that do not work	2 The plan is underdeveloped (many missing sections) or the plan includes some strategies that cannot work	2 The check is underdeveloped (only a small section of the work is checked)	2 The path is not clear or is underdeveloped showing few connections within the work	
1 Inappropriate or minimal concepts are used or no ideas are shown	1 The plan is ineffective, the work is minimal, the work conflicts with the answer given or no work is shown	1 The check is ineffective for the task, is only minimal, or no identifiable check is shown	1 The path is ineffective, minimal, or is not shown at all	
Accuracy:				
5 The answer is correct and the work supports it	4 The work had a small mistake but the important parts of the work are fine	1	The answer is not correct, not finished, or does not match the work.	