

Rubric for Outcomes: LERN 49

STUDENT WILL BE ABLE TO:	Level 0	Level 1	Level 2	Level 3
1. Calculate and solve problems of +, -, x and ÷ for all integers, proportions and percents	NA	1. Scores < 70% on comprehensive exam 2. Cumulative score on individual assessments of each area is <70%	1. Scores ≥ 70% on comprehensive exam OR 2. Cumulative score on individual assessments of each area is ≥70%	1. Scores ≥ 85% on comprehensive exam OR 2. Cumulative score on individual assessments of each area is ≥85%
2. Select strategies for solving application problems	Unable to successfully solve application problems and/or unable to explain strategy used	For at least 3 types of application problems, will successfully solve 3 of each type of problem with correct explanation of strategy used.	For at least 6 types of application problems, will successfully solve 3 of each type of problem with correct explanation of strategy used.	For at least 6 types of application problems, will successfully solve 5 of each type of problem with correct explanation of strategy used and why it was selected
3. Demonstrate proper use of math terms and vocabulary	Provides some definition for at least 10 terms and/or fails to use them in a math explanation	Provides valid definition for at least 10 terms and may correctly use them in a math explanation	Provides valid definition for at least 25 terms and correctly uses them in a math explanation	Provides valid definition for at least 35 terms and correctly uses them in a math explanation
4. Solve multi-step problems using more than one approach	Unable to solve an assigned complex math problem successfully	Solves an assigned complex math problem successfully	Demonstrates at least two ways to solve an assigned complex math problem successfully	Demonstrates and explains at least two ways to solve an assigned complex math problem successfully
5. Apply strategies for learning math	Cannot explain what learning strategies are and/or cannot tell how they are used.	Can explain at least three learning strategies that can improve math knowledge and tell how they are used to improve math knowledge.	Can explain at least three learning strategies for improving math knowledge and tell how they were used to improve their math knowledge with evidence.	Can explain at least four learning strategies for improving math knowledge and evaluate how effective they were with examples.

Student **must** have average score of 2 or more for outcomes #2 - 5; student **must** score 2 or 3 on outcome #1

Level 0: Beginning, insufficient for credit

Level 1: Developing, insufficient for credit

Level 2: Accomplished, sufficient for credit

Level 3: Proficient, exceeds level for credit