

**RIOS MS.**

<b>Test Delivery:</b>	Paper; Untimed	<b>Teacher:</b>	Ms. Rios
<b>Report Date:</b>	06/06/08	<b>School:</b>	Franklin School
		<b>District:</b>	District 2
<b>Test Name:</b>	Acuity CO Math Grade 7 Diagnostic Form 1		
<b>Dates Test Completed:</b>	03/29/08 - 03/29/08		
<b>Number of Students Assigned Test:</b>	17		
<b>Number in Class who Completed Test:</b>	17 out of 17		
<b>Number of Students partially scored:</b>	0		

**Multiple-Choice Items**

<b>Grade</b>
Strand
Big Idea
Grade Level Expectation
Item # Skill

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	% of students that selected answer				
	Correct Answer: ###%				
	Omitted	A	B	C	D
<b>Grade 7</b>					
<b>1. Number Sense and Operations</b>					
1.1A Use a variety of strategies to add and subtract fractions with like denominators					
<u>37</u> Addition of proper fractions with common denominator less than 10	5%	8%	19%	<b>54%</b>	14%
<b>2. Data Analysis and Probability</b>					
2.1A List the possible outcomes for a single-event experiment					
<u>17</u> Represent all possible outcomes of a simple probability experiment in an organized way, such as through the use of a table, grid, or diagram	6%	14%	16%	<b>43%</b>	21%
2.2A Record experiment results using fractions/ratios					
<u>13</u> Determine fraction of given data that is of a certain type	8%	10%	30%	<b>28%</b>	24%
2.3A Create a sample space and determine the probability of a single event, given a simple experiment					
<u>56</u> Select the sample space for a given probability experiment or activity	2%	15%	28%	<b>45%</b>	10%
<u>59</u> Given a spinner with differently marked regions (number, colors, etc.), find the probability of NOT spinning a specific value	1%	29%	10%	<b>35%</b>	25%
<b>3. Algebraic Relationships</b>					
3.1A Solve simple proportions within context					
<u>7</u> Use proportions to solve problems—reducible fractions	3%	18%	9%	10%	<b>68%</b>
<u>43</u> Use proportions to solve problems—application	5%	12%	<b>75%</b>	6%	2%
3.2A Evaluate formulas for given input values (circumference, area, volume, distance, temperature, interest, etc.)					
<u>25</u> Find the area of a trapezoid given both bases and the height	2%	20%	3%	<b>52%</b>	23%
<u>48</u> Find the area of a parallelogram given its base and height	2%	15%	13%	10%	<b>60%</b>
<u>52</u> Find the area of a triangle given its base and height	1%	<b>75%</b>	4%	11%	9%
3.3A Translate two-step verbal expressions into algebraic expressions					
<u>20</u> Translate a word problem into an expression with variables	5%	<b>73%</b>	4%	8%	10%
<u>28</u> Evaluate an algebraic expression by substituting a whole number for the variable quadratic	8%	<b>63%</b>	9%	8%	12%