Grade/Teacher: ______

Date posed: ______ Date analyzed: ______

Problem Type:	CGI Story:
Number Choices:	

Strategies for Multi-Digit Addition & Subtraction

Non-Valid	Direct Modeling by 1's	Direct Modeling by 10's	Counting	Invented Algorithms (see pages 70-74 in Children's Mathematics for detailed information)	Flexible Strategies (can be evident in any of the previous stages)
 Uses a strategy that cannot lead to a viable solution 	 Represents each quantity as a collection of single units Follows action/story situation 	 Represents each quantity, uses at least some groups of tens to represent or count quantities 	 Conserves one number is his/her head Counts on or back by ONES 	 Incrementing strategy Combining like units strategy Compensating strategy 	 Strategy does not match the action/problem situation, but leads to a viable solution
Learning Goal (next step):	Learning Goal (next step):	Learning Goal (next step):	Learning Goal (next step):	Learning Goal (next step):	Learning Goal (next step):

What do you notice? What do you wonder?	Selected group(s) to focus on for the next problem: Learning goal for focus group(s) selected:

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