Analyzing Student Strategies – Recording Form
Single-Digit Addition & Subtraction

Grade/Teacher: _____

Date posed: _____ Date analyzed: _____

Problem Type:_____	CGI Story:
Number Choices:_____	

Strategies for Single-Digit Addition & Subtraction

Non-Valid	**Direct Modeling**	**Counting**	**Derived Facts** and/or **Recalled Facts**	**Flexible Strategies** (can be evident in any of the previous three stages)
• Uses a strategy that cannot lead to a viable solution	• Represents each quantity as a *collection of single units* • Follows action/story situation	• Conserves one number is his/her head • Counts on or back by ONES	• Uses addition/subtraction fact they know to solve one they don't know (Derived Fact) • Knows fact from memory (Recalled)	• 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):*

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:*