

Problem Type: _____ Number Choices: _____	CGI Story:
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Strategies for Multi-Digit Addition & Subtraction

Non-Valid	Direct Modeling by 1's	Direct Modeling by 10's	Counting	Invented Algorithms <small>(see pages 70-74 in Children's Mathematics for detailed information)</small>	Flexible Strategies <small>(can be evident in any of the previous stages)</small>
<ul style="list-style-type: none"> Uses a strategy that cannot lead to a viable solution 	<ul style="list-style-type: none"> Represents each quantity as a <i>collection of single units</i> Follows action/story situation 	<ul style="list-style-type: none"> Represents each quantity, uses at least some groups of tens to represent or count quantities 	<ul style="list-style-type: none"> Conserves one number is his/her head Counts on or back by ONES 	<ul style="list-style-type: none"> Incrementing strategy Combining like units strategy Compensating strategy 	<ul style="list-style-type: none"> Strategy does not match the action/problem situation, but leads to a viable solution
<i>Learning Goal (next step):</i>	<i>Learning Goal (next step):</i>	<i>Learning Goal (next step):</i>	<i>Learning Goal (next step):</i>	<i>Learning Goal (next step):</i>	<i>Learning Goal (next step):</i>

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