

Analyzing Student Strategies – Recording Form
Multiplication & Division – Groups of 10 or 100

Grade/Teacher: _____

Date posed: _____ Date analyzed: _____

Problem Type: _____ Number Choices: _____	CGI Story: _____
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Strategies for Multiplication & Division – Groups of 10 or 100 *(The focus is on how students get to an answer.)*

Non-Valid	Counting by 1s	Counting by 10s (or powers of ten)	Direct Place Value
<ul style="list-style-type: none"> Uses a strategy that cannot lead to a viable solution 	<ul style="list-style-type: none"> Counts every unit by ones 	<ul style="list-style-type: none"> Uses collection of tens when counting – either direct modeling or skip counting 	<ul style="list-style-type: none"> Knows how many tens are in a number Knows how much multiple groups of tens will be <i>Example: 54 5 tens is 50, and 4 more is 54</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><i>What do you notice? What do you wonder?</i></p>	<p><i>Selected group(s) to focus on for the next problem:</i> _____</p> <p><i>Learning goal for focus group(s) selected:</i></p>
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