

## GO Math: Chapter 4 Test

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Standard	Standard Explanation I Can...	4 Advanced	3 Proficient	2 Developing	1 Beginning
3.OA.3	<ul style="list-style-type: none"> <li>Use multiplication and division within 100.</li> </ul>	Level 3 understanding & <b>challenge</b> question.	Demonstrates <b>strong understanding</b> of the objectives for this standard.	Demonstrates <b>some understanding</b> of the objectives for this standard.	Demonstrates <b>little or no understanding</b> of the objectives for this standard.
3.OA.5	<ul style="list-style-type: none"> <li>Apply the Associative Property of Multiplication and the Distributive Property of Multiplication.</li> </ul>	Level 3 understanding & <b>challenge</b> question.	Demonstrates <b>strong understanding</b> of the objectives for this standard.	Demonstrates <b>some understanding</b> of the objectives for this standard.	Demonstrates <b>little or no understanding</b> of the objectives for this standard.
3.OA.7	<ul style="list-style-type: none"> <li>Multiply and divide within 100, using strategies such as the relationship between multiplication and division.</li> </ul> <p><i>Example: Knowing that <math>8 \times 5 = 40</math>, one knows <math>40 \div 5 = 8</math>.</i></p>	Level 3 understanding & <b>challenge</b> question.	Demonstrates <b>strong understanding</b> of the objectives for this standard.	Demonstrates <b>some understanding</b> of the objectives for this standard.	Demonstrates <b>little or no understanding</b> of the objectives for this standard.
3.OA.8	<ul style="list-style-type: none"> <li>Solve multiplication problems involving the four operations.</li> </ul>	Level 3 understanding & <b>challenge</b> question.	Demonstrates <b>strong understanding</b> of the objectives for this standard.	Demonstrates <b>some understanding</b> of the objectives for this standard.	Demonstrates <b>little or no understanding</b> of the objectives for this standard.
3.OA.9	<ul style="list-style-type: none"> <li>Use arithmetic patterns and explain them using properties of operations.</li> </ul>	Level 3 understanding & <b>challenge</b> question.	Demonstrates <b>strong understanding</b> of the objectives for this standard.	Demonstrates <b>some understanding</b> of the objectives for this standard.	Demonstrates <b>little or no understanding</b> of the objectives for this standard.

<b>Standard</b>	<b>Test Questions</b> *Circle wrong/partial credit ones	<b>Objectives</b>	<b>Reflection</b>
3. OA.3	1, 6	Multiply with 2 and 4.	
3.OA.7	2, 8, 23	Multiply with 8.	
3.OA.8	3, 12	Use multiplication to solve a combination problem.	
3.OA.7	4, 17	Multiply with 7.	
3.OA.5	5, 15, 21	Model multiplication with the Associate Property of Multiplication.	
3. OA.9	7, 22	Use patterns to multiply with 3 and 6.	
3.OA.3	9, 18	Multiply with 5 and 10.	

3.OA.5	10, 16, 19	Model the Distributive Property.	
3.OA.5	11	Compare expressions using multiplication.	
3.OA.7	14	Multiply with 9.	
3.OA.3	13, 20	Multiply with 3 and 6.	