

Grade 3 Mathematics Item Specifications  
Florida Standards Assessments

Content Standard	<b>MAFS.3.OA Operations and Algebraic Thinking</b>	
	<b>MAFS.3.OA.1</b> Represent and solve problems involving multiplication and division.	
	<b>MAFS.3.OA.1.4</b> Determine the unknown whole number in a multiplication or division equation relating three whole numbers. <i>For example, determine the unknown number that makes the equation true in each of the equations <math>8 \times ? = 48</math>, <math>5 = \_ \div 3</math>, <math>6 \times 6 = ?</math></i>	
Assessment Limits	Product is less than 100. Whole number factors and quotients. Equation must be given, and not created.	
Calculator	No	
Acceptable Response Mechanisms	Equation Response Multiple Choice Response	
Context	No context	
Example		
Context	The product or dividend is a number between 20 and 50.	
Context easier	The product or dividend is a number from 0-19. A problem where the unknown is a product or a quotient.	
Context more difficult	The product or dividend is a number from 51-100.	
Sample Item Stem	Response Mechanism	Notes, Comments
A multiplication problem is shown.  $6 \times 3 = ?$  What is the value of the unknown number?	Equation Response	
A division problem is shown.  9 equals ___ divided by 3  What is the value of the unknown number?	Equation Response	
A division problem is shown.  $72 \times ? = 9$  What is the value of the unknown number?	Equation Response	