

Content Standard	<b>MAFS.6.NS</b> <i>The Number System</i>  <b>MAFS.6.NS.3</b> <i>Apply and extend previous understandings of numbers to the system of rational numbers.</i>  <b>MAFS.6.NS.3.5</b> Understand that positive and negative numbers are used together to describe quantities having opposite directions or values (e.g., temperature above/below zero, elevation above/below sea level, credits/debits, positive/negative electric charge); use positive and negative numbers to represent quantities in real-world contexts, explaining the meaning of 0 in each situation.	
Assessment Limits	Rational numbers. Items should not require the student to perform an operation.	
Calculator	No	
Acceptable Response Mechanisms	Equation Response Multiple Choice Response Multi-Select Response Natural Language Response	
Context	Required	
Example		
Context	Seeley, California is located below sea level. What does zero represent in the context of this situation? Include positive and negative non-integer rational numbers. Include interpretation of zero.	
Context	Limit to positive and negative integers	

Grade 6 Mathematics Item Specifications  
Florida Standards Assessments

easier			
Context more difficult	N/A		
Sample Item Stem		Response Mechanism	Notes, Comments
<p>Seeley, California is located at an elevation that is below sea level.</p> <p>What is a possible elevation of Seeley, California?</p> <p>A. 600 feet B. 500 feet C. -200 feet D. 0 feet</p>		Equation Response	

<p>Chicago, Illinois has an elevation of 600 feet above sea level. The elevation of Seeley, California is -200 feet.</p> <p>Select all the true statements.</p> <p>A. Seeley is above sea level. B. Seeley is at sea level. C. Seeley is below sea level. D. The difference in elevations is less than 600 feet. E. The difference in the elevations is 600 feet. F. The difference in the elevations is more than 600 feet.</p>	Multi-Select Response	
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Chicago, Illinois has an elevation of 600 feet above sea level. The elevation of Seeley, California is -200 feet.  What does 0 represent in the context of this situation?	Natural Language Response	
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