

Content Standard	<p>MAFS.5.NBT <i>Number and Operations in Base Ten</i></p> <p>MAFS.5.NBT.1 <i>Understand the place value system.</i></p> <p>MAFS.5.NBT.1.1 Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and $\frac{1}{10}$ of what it represents in the place to its left.</p>	
Assessment Limits	Whole numbers up to millions and decimals to thousandths.	
Calculator	No	
Acceptable Response Mechanisms	Equation Response Multi-Select Response	
Context	Allowable	
Example		
Context	Working with numbers to the right of the decimal. Identifying number patterns across only one place value.	
Context easier	Working with numbers only to the left of the decimal.	
Context more difficult	Working with numbers to the right and left of the decimal. Identifying number patterns across several place values.	
Sample Item Stem	Response Mechanism	Notes, Comments
An expression is shown. $3,400 \times \frac{1}{10}$ What is the value of the expression?	Equation Response	
An equation is shown. $? \times \frac{1}{10} = 0.034$ What is the missing number?	Equation Response	
An equation is shown. $0.34 \times ? = 3.4$ What is the value of the missing number?	Equation Response	
How many times larger is the value 0.34 than the value 0.0034?	Equation Response	

Grade 5 Mathematics Item Specifications
Florida Standards Assessments

<p>Which statements about the values 0.034 and 3.40 are true?</p> <ul style="list-style-type: none"><input type="radio"/> 0.034 is $\frac{1}{10}$ of 340<input type="radio"/> 0.034 is 100 times more than 340<input type="radio"/> 3.40 is 100 times more than 0.034<input type="radio"/> 0.034 is $\frac{1}{100}$ of 3.4<input type="radio"/> 0.034 is $\frac{1}{10}$ of 340	Multi-Select Response	
<p>One coin weighs 11 grams. How many grams do 10 coins weigh?</p>	Equation Response	
<p>Ten coins weigh 25 grams. How many grams does 1 coin weigh?</p>	Equation Response	