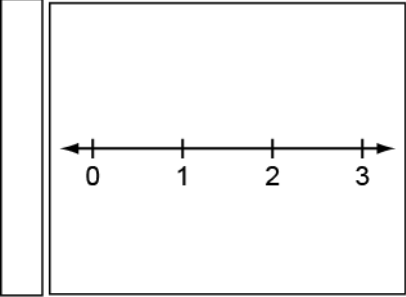


Content Standard		<p>MAFS.4.NF <i>Number and Operations - Fractions</i></p> <p>MAFS.4.NF.3 <i>Understand decimal notation for fractions, and compare decimal fractions.</i></p> <p>MAFS.4.NF.3.6 Use decimal notation for fractions with denominators 10 or 100. For example, rewrite 0.62 as $\frac{62}{100}$; describe a length as 0.62 meters; locate 0.62 on a number line diagram.</p>	
Assessment Limits		Denominators of 10 and 100. Decimal notation to tenths and hundredths.	
Calculator		No	
Acceptable Response Mechanisms		Equation Response Multiple Choice Response Graphic Response – Drag and Drop, Drawing/Graphing, Hot Spot Matching Item Response Multi-Select Response	
Context	No context		
Example			
Context	Any mathematical problem or situational context that involves converting a fraction with a denominator of 100 to a decimal.		
Context easier	Any mathematical problem or situational context that involves converting a fraction with a denominator or 10 to a decimal.		
Context more difficult	Any mathematical problem or situational context that involves converting a mixed number with a denominator of 10 or 100 to a decimal.		
Sample Item Stem		Response Mechanism	Notes, Comments
A value is shown. $\frac{3}{10}$ What is this value in decimal form?		Equation Response	
A value is shown. $\frac{54}{100}$ What is this value in decimal form?		Equation Response	

<p>Two values are shown.</p> <p>0.25 0.83</p> <p>Use the Add Point tool to correctly plot these values on the number line.</p> 	<p>Graphic Response – Drawing/Graphing</p>	
<p>A value is shown.</p> <p>$5\frac{20}{100}$</p> <p>What is this value in decimal form?</p>	<p>Equation Response</p>	
<p>Select all the fractions that are equivalent to 0.8.</p> <ul style="list-style-type: none"> <input type="radio"/> $\frac{8}{10}$ <input type="radio"/> $\frac{80}{10}$ <input type="radio"/> $\frac{8}{100}$ <input type="radio"/> $\frac{80}{100}$ <input type="radio"/> $\frac{10}{8}$ <input type="radio"/> $\frac{100}{8}$ 	<p>Multi-Select Response</p>	