Content Standard	***MAFS.5.NBT*** *Number and Operations in Base Ten* ***MAFS.5.NBT.1*** *Understand the place value system.* **MAFS.5.NBT.1.3** Read, write, and compare decimals to thousandths. **MAFS.5.NBT.1.3a** Read and write decimals to thousandths using base-ten numerals, number names, and expanded form, e.g., 347.392 = 3 × 100 + 4 × 10 + 7 × 1 + 3 × $\left(\frac{1}{10}\right)$ + 9 × $\left(\frac{1}{100}\right)$ + 2 × $\left(\frac{1}{1{,}000}\right)$. **MAFS.5.NBT.1.3b** Compare two decimals to thousandths based on meanings of the digits in each place, using >, =, and < symbols to record the results of comparisons.
Assessment Limits	Decimals to thousandths.
Calculator	No
Acceptable Response Mechanisms	Equation Response Graphic Response – Drag and Drop Matching Item Response Multiple Choice Response Multi-Select Response
Context	Allowable

Example	
Context	Hundredths or thousandths place.
Context easier	Limit to tenths place.
Context more difficult	To the thousandths place with a zero in the tenths or hundredths place.

Sample Item Stem	Response Mechanism	Notes, Comments
What is “nine-tenths” in decimal form?	Equation Response	
What is “two hundred sixty-five thousandths” in decimal form?	Equation Response	

<table>
<tr>
<td>Select the decimal form for each number name.

<table>
<tr><th></th><th>0.650</th><th>0.605</th><th>0.065</th><th>6.050</th></tr>
<tr><td>Sixty-five thousandths</td><td>□</td><td>□</td><td>□</td><td>□</td></tr>
<tr><td>Six hundred five thousandths</td><td>□</td><td>□</td><td>□</td><td>□</td></tr>
</table>
</td>
<td>Matching Item Response</td>
<td></td>
</tr>
<tr>
<td>A number in expanded form is shown.

$4 \times 1 + 3 \times \left(\frac{1}{10}\right)$

What is the number in decimal form?</td>
<td>Equation Response</td>
<td></td>
</tr>
<tr>
<td>A number in expanded form is shown.

$3 \times 1 + 2 \times \left(\frac{1}{10}\right) + 6 \times \left(\frac{1}{100}\right) + 5 \times \left(\frac{1}{1{,}000}\right)$

What is the number in decimal form?</td>
<td>Equation Response</td>
<td></td>
</tr>
<tr>
<td>Select all the expressions that show 2.059 written in expanded form.

□ $2 \times 1 + 0 \times \left(\frac{1}{10}\right) + 5 \times \left(\frac{1}{100}\right) + 9 \times \left(\frac{1}{1{,}000}\right)$
□ $2 \times 1 + 5 \times \left(\frac{1}{10}\right) + 9 \times \left(\frac{1}{100}\right)$
□ $2 \times 1 + 0 \times \left(\frac{1}{10}\right) + 59 \times \left(\frac{1}{1{,}000}\right)$
□ $20 \times \left(\frac{1}{10}\right) + 59 \times \left(\frac{1}{100}\right)$
□ $20 \times \left(\frac{1}{10}\right) + 5 \times \left(\frac{1}{100}\right) + 9 \times \left(\frac{1}{1{,}000}\right)$</td>
<td>Multi-Select Response</td>
<td></td>
</tr>
<tr>
<td>Select all the statements that correctly compare the two numbers.

○ 1.309 > 1.315
○ 5.029 < 5.128
○ 7.250 > 7.255
○ 2.001 < 2.100
○ 9.401 > 9.309</td>
<td>Multi-Select Response</td>
<td></td>
</tr>
</table>

Grace, Logan, and Kevin are growing bean plants. They each measured the height of their plant. Drag the measurements to order them from least to greatest. **Grace** **2.1 inches** **Logan** **2.3 inches** **Kevin** **2.0 inches**	Graphic Response – Drag and Drop	
A number in expanded form is shown. $4 \times 1 + 3 \times \left(\frac{1}{100}\right) + 9 \times 10 + 5 \times \left(\frac{1}{10}\right)$ What is the number in decimal form?	Equation Response	