

Content Standard	<p><b>MAFS.4.NBT</b> <i>Number and Operations in Base Ten</i></p> <p><b>MAFS.4.NBT.1</b> <i>Generalize place value understanding for multi-digit whole numbers.</i></p> <p><b>MAFS.4.NBT.1.2</b> Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form. Compare two multi-digit numbers based on meanings of the digits in each place, using <math>&gt;</math>, <math>=</math>, and <math>&lt;</math> symbols to record the results of comparisons.</p>																
Assessment Limits	Whole numbers within 1,000,000.																
Calculator	No																
Acceptable Response Mechanisms	<p>Equation Response</p> <p>Graphic Response – Drag and Drop</p> <p>Matching Item Response</p> <p>Multiple Choice Response</p> <p>Multi-Select Response</p>																
Context	Allowable																
Example																	
Context	Limit to values under 100,000.																
Context easier	Limit values to numbers under 1,000.																
Context more difficult	<p>Include numbers from 100,000 up to 1,000,000.</p> <p>Zeros as placeholders increase the difficulty when reading/writing numbers in all three forms.</p>																
Sample Item Stem	Response Mechanism	Notes, Comments															
<p>Which phrase represents “253”?</p> <p>A. Two hundred three</p> <p>B. Two hundred fifty-three</p> <p>C. Twenty-five and three</p> <p>D. Two thousand and fifty-three</p>	Multiple Choice Response																
Write $6 \times 10,000 + 5 \times 1,000 + 2 \times 100 + 3 \times 1$ as a number.	Equation Response																
<p>Match the name of each number with its numeric form.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">600,005</td> <td style="text-align: center;">600,050</td> <td style="text-align: center;">605,000</td> <td style="text-align: center;">650,000</td> </tr> <tr> <td style="text-align: center;"><i>Six hundred five thousand</i></td> <td></td> <td></td> <td style="text-align: center;">x</td> <td></td> </tr> <tr> <td style="text-align: center;"><i>Six hundred thousand fifty</i></td> <td></td> <td style="text-align: center;">x</td> <td></td> <td></td> </tr> </table>		600,005	600,050	605,000	650,000	<i>Six hundred five thousand</i>			x		<i>Six hundred thousand fifty</i>		x			Matching Item Response	Note that numbers are vertically oriented in this document for space reasons.
	600,005	600,050	605,000	650,000													
<i>Six hundred five thousand</i>			x														
<i>Six hundred thousand fifty</i>		x															

<p>Which statement(s) correctly compares two numbers?</p> <p>Select all the correct statements.</p> <ul style="list-style-type: none"><li><input type="radio"/> 259 &gt; 295</li><li><input type="radio"/> 295 &lt; 259</li><li><input type="radio"/> 259 &lt; 295</li><li><input type="radio"/> 295 &lt; 259</li><li><input type="radio"/> 259 = 295</li></ul>	Multi-Select Response	
<p>Select all the options with 54,625 written in expanded form.</p> <ul style="list-style-type: none"><li><input type="radio"/> 5 ten-thousands, 46 hundreds, 25 ones</li><li><input type="radio"/> 5 ten-thousands, 4 thousands, 62 hundreds, 5 ones</li><li><input type="radio"/> 50 thousands, 46 hundreds, 20 tens, 5 ones</li><li><input type="radio"/> 50 thousands, 40 hundreds, 60 tens, 25 ones</li><li><input type="radio"/> 54 thousands, 6 hundreds, 2 tens, 5 ones</li></ul>	Multi-Select Response	