

### Core Content

<b>Cluster Title:</b> Compare numbers.
<b>Standard 7:</b> Compare two numbers between 1 and 10 presented as written numerals.
<b>MASTERY Patterns of Reasoning:</b>
<b>Conceptual:</b> Students will understand that two numerals between 1 and 10 represent quantities that can be compared.
<b>Procedural:</b> Students can compare two numerals from 1 to 10 presented as written numerals.
<b>Representational:</b> Students can model the comparison of two numerals from 1 to 10 presented as written numerals.

### Supports for Teachers

<b>Critical Background Knowledge</b>
<b>Conceptual:</b> Students will know the difference between letters, numbers and other symbols.
<b>Procedural:</b> Students can visually identify or count to determine which of two sets has more objects from 1-5. Students can recognize the difference between letters, numbers, and other symbols.
<b>Representational:</b> Students can represent which of two sets has more objects from 1-5. Students can sort letters, numbers and symbols into their categories.
<b>Academic Vocabulary and Notation</b>
numeral, identify, visually, symbol, more, less, compare, sets, greater than, less than, more, less

Instructional Strategies Used	Resources Used
<p>Teacher will model how to use a number line to visually compare two numerals from 1 to 10.</p> <p>Students will be given opportunities to use objects and number lines to visually compare numbers.</p> <p>Students will use two numeral cards to practice identifying the greater or lesser numeral.</p>	<p>Murphy, Stuart J. <i>Seaweed Soup</i>. HarperCollins, 2001.</p> <p><a href="http://www.uen.org/k-2interactives/math.shtml">http://www.uen.org/k-2interactives/math.shtml</a></p> <p><i>Hands-on Standards, Pre-K</i>. Learning Resources, Inc., 2006.</p> <p>Richardson, Kathy. <i>Developing Number Concepts, Book 1: Counting, Comparing, and Patterns</i>. Math Perspectives.</p>

Assessment Tasks Used													
<p><b>Skill-Based Task:</b> Students will be provided with a teacher-generated numeral comparison grid.</p> <table border="1" data-bbox="285 857 417 1084"> <tbody> <tr><td>2</td><td>5</td></tr> <tr><td>9</td><td>7</td></tr> <tr><td>10</td><td>1</td></tr> <tr><td>6</td><td>4</td></tr> <tr><td>8</td><td>3</td></tr> <tr><td>5</td><td>6</td></tr> </tbody> </table>	2	5	9	7	10	1	6	4	8	3	5	6	<p><b>Problem Task:</b> Students will identify the specified numeral. Students will touch or draw a circle around the numeral determined by teacher direction (e.g., circle the greater numeral, touch the lesser numeral).</p>
2	5												
9	7												
10	1												
6	4												
8	3												
5	6												