



# Number Sense Rubric

## SNAP (Student Numeracy Assessment & Practice)

Competency	1 <i>Student understanding and application of learning standard(s) is not evident</i>	2 <i>The student demonstrates some understanding and application of number sense</i>	3 <i>The student demonstrates proficient understanding and application of number sense</i>	<i>Teacher notes for demonstration of understanding and applications beyond proficiency</i>
<b>Communicating and Representing</b> <i>Picture Box</i>	<ul style="list-style-type: none"> <li>Pictures do not show the value of the number</li> <li>Inaccurate</li> </ul>	<ul style="list-style-type: none"> <li>Pictures show some value in representing the number</li> <li>Partially accurate</li> </ul>	<ul style="list-style-type: none"> <li>Pictures are clearly communicated and represent the value of the number</li> <li>Accurate</li> </ul>	
<i>Describe Picture</i>	<ul style="list-style-type: none"> <li>Description and elaboration of pictorial representation is not evident</li> <li>Communication is not clear</li> </ul>	<ul style="list-style-type: none"> <li>Partial accuracy in describing and elaborating on pictorial representation</li> <li>Partially communicated</li> </ul>	<ul style="list-style-type: none"> <li>Accurately describes and elaborates on pictorial representation</li> <li>Clearly communicated</li> </ul>	
<i>Expanded Form</i>	<ul style="list-style-type: none"> <li>The value of each digit is not evident</li> </ul>	<ul style="list-style-type: none"> <li>Partially accurate in demonstrating the value of each digit</li> </ul>	<ul style="list-style-type: none"> <li>Accurately demonstrates the value of each digit</li> </ul>	
<b>Understanding and Solving</b> <i>3 Equations</i>	<ul style="list-style-type: none"> <li>Accurate grade appropriate operations are not evident</li> </ul>	<ul style="list-style-type: none"> <li>Accurately uses grade appropriate operations in one or two equations</li> </ul>	<ul style="list-style-type: none"> <li>Accurately uses grade appropriate operations in all three equations</li> </ul>	
<b>Connecting and Reflecting</b> <i>Real Life Connection</i>	<ul style="list-style-type: none"> <li>A real life example is not provided</li> </ul>	<ul style="list-style-type: none"> <li>A partial connection to a real life example is provided</li> </ul>	<ul style="list-style-type: none"> <li>Connection to a real life example is provided</li> <li>Demonstrates understanding of the number value</li> </ul>	
<i>Reflection</i>	<ul style="list-style-type: none"> <li>Simple reflections on mathematical thinking are not evident</li> </ul>	<ul style="list-style-type: none"> <li>Simple reflections on mathematical thinking are evident</li> </ul>	<ul style="list-style-type: none"> <li>Some insight on mathematical thinking is evident</li> </ul>	
<b>Reasoning and Analyzing</b> <i>Number Line</i>	<ul style="list-style-type: none"> <li>Incorrect estimate of placement of number on provided number line</li> </ul>	<ul style="list-style-type: none"> <li>Partially correct estimate of placement of number on provided number line</li> </ul>	<ul style="list-style-type: none"> <li>Correct estimate of placement of number on provided number line with benchmarks</li> </ul>	
<i>Counting Forwards and Backwards</i>	<ul style="list-style-type: none"> <li>Incomplete and inaccurate</li> </ul>	<ul style="list-style-type: none"> <li>Partially complete and accurate</li> </ul>	<ul style="list-style-type: none"> <li>Complete and accurate</li> </ul>	