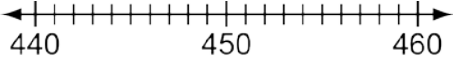


Grade 3 Mathematics Item Specifications  
Florida Standards Assessments

Content Standard	<p><b>MAFS.3.NBT</b> <i>Number and Operations in Base Ten</i></p> <p><b>MAFS.3.NBT.1</b> Use place value understanding and properties of operations to perform multi-digit arithmetic.</p> <p><b>MAFS.3.NBT.1.1</b> Use place value understanding to round whole numbers to the nearest 10 or 100.</p>													
Assessment Limits	<p>Whole numbers up to 1,000</p> <p>Avoid situations where the place the student rounded to is ambiguous. For example, asking a student to round 697 to the nearest ten is not a good item, as the student would get the exact same answer if he or she mistakenly rounded to the nearest hundred.</p>													
Calculator	No													
Acceptable Response Mechanisms	<p>Equation Response</p> <p>Graphic Response – Drawing/Graphing</p> <p>Matching Item Response</p> <p>Multi-Select Response</p> <p>Table Response</p>													
Context	No context													
Example														
Context	Round three-digit whole numbers to the nearest ten.													
Context easier	Rounding to the nearest hundred.													
Context more difficult	Rounding one number to the nearest ten and also to the nearest hundred.													
Sample Item Stem	Response Mechanism	Notes, Comments												
What value is 846 rounded to the nearest 100?	Equation Response													
<p>Match each number with the value of the number rounded to the nearest 10.</p> <table border="1" style="margin-left: 20px;"> <tr> <td></td> <td>180</td> <td>190</td> </tr> <tr> <td>181</td> <td></td> <td></td> </tr> <tr> <td>186</td> <td></td> <td></td> </tr> <tr> <td>194</td> <td></td> <td></td> </tr> </table>		180	190	181			186			194			Table Response	
	180	190												
181														
186														
194														
<p>A. Round 846 to the nearest hundred. Enter your answer in the first response box.</p> <p>B. Round 846 to the nearest ten. Enter your answer in the second response box.</p>	Equation Response													

<p>Which numbers will equal 800 when rounded to the nearest hundred?          Select all possible answers.</p>	<p>Multi-Select Response</p>									
<p>An incomplete table is shown.</p> <table border="1" data-bbox="191 388 535 571"> <thead> <tr> <th>Original Number</th> <th>Rounded to Nearest Ten</th> </tr> </thead> <tbody> <tr> <td></td> <td>100</td> </tr> <tr> <td></td> <td>150</td> </tr> <tr> <td></td> <td>190</td> </tr> </tbody> </table> <p>Complete the table by filling in the missing original numbers with possible values.</p>	Original Number	Rounded to Nearest Ten		100		150		190	<p>Table Response</p>	
Original Number	Rounded to Nearest Ten									
	100									
	150									
	190									
<p>Plot points on the number line to represent all values that round to 500 when rounded to the nearest hundred and 450 when rounded to the nearest ten.</p> 	<p>Graphic Response – Drawing/Graphing</p>									