

Grade 4 Mathematics Item Specifications
Florida Standards Assessments

Content Standard	MAFS.4.NBT <i>Number and Operations in Base Ten</i> MAFS.4.NBT.1 <i>Generalize place value understanding for multi-digit whole numbers.</i> MAFS.4.NBT.1.3 Use place value understanding to round multi-digit whole numbers to any place.																		
Assessment Limits	Greater than 1,000 and within 1,000,000.																		
Calculator	No																		
Acceptable Response Mechanisms	Equation Response Matching Item Response Multi-Select Response Table Response																		
Context	No context																		
Example																			
Context	Rounding to the nearest 1,000.																		
Context easier	Rounding numbers to the nearest 10 or 100.																		
Context more difficult	Rounding to the nearest 1,000,000.																		
Sample Item Stem	Response Mechanism	Notes, Comments																	
Which numbers round to 4,100, when rounded to the nearest hundred? <ul style="list-style-type: none"> ○ 4,008 ○ 4,140 ○ 4,060 ○ 4,109 ○ 4,049 	Multi-Select Response																		
Complete the table to show how each old number was rounded to make the new number. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Original</th> <th style="width: 15%;">New</th> <th style="width: 15%;">Nearest 100</th> <th style="width: 15%;">Nearest 1,000</th> </tr> </thead> <tbody> <tr> <td>3,545</td> <td>3,500</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>14,675</td> <td>15,000</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>16,789</td> <td>16,800</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </tbody> </table>	Original	New	Nearest 100	Nearest 1,000	3,545	3,500	<input type="checkbox"/>	<input type="checkbox"/>	14,675	15,000	<input type="checkbox"/>	<input type="checkbox"/>	16,789	16,800	<input type="checkbox"/>	<input type="checkbox"/>	Matching Item Response		
Original	New	Nearest 100	Nearest 1,000																
3,545	3,500	<input type="checkbox"/>	<input type="checkbox"/>																
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16,789	16,800	<input type="checkbox"/>	<input type="checkbox"/>																
A. Round 590,340 to the nearest hundred thousand. Enter your answer in the first response box. B. Round 590,340 to the nearest ten thousand. Enter your answer in the second response box.	Equation Response																		

<p>Jessica is thinking of a number that rounds to 1,300 for the nearest ten and for the nearest hundred. What number might she be thinking of?</p>	<p>Equation Response</p>										
<p>Original numbers are rounded to the nearest hundred and to the nearest thousand. The original numbers are missing from the table.</p> <table border="1" data-bbox="191 478 630 661"> <thead> <tr> <th data-bbox="191 478 321 583">Original Number</th> <th data-bbox="321 478 475 583">Rounded to Nearest Hundred</th> <th data-bbox="475 478 630 583">Rounded to Nearest Thousand</th> </tr> </thead> <tbody> <tr> <td data-bbox="191 583 321 625"></td> <td data-bbox="321 583 475 625">13,500</td> <td data-bbox="475 583 630 625">14,000</td> </tr> <tr> <td data-bbox="191 625 321 661"></td> <td data-bbox="321 625 475 661">1,700</td> <td data-bbox="475 625 630 661">2,000</td> </tr> </tbody> </table> <p>Determine possible original numbers that would correctly complete the table.</p>	Original Number	Rounded to Nearest Hundred	Rounded to Nearest Thousand		13,500	14,000		1,700	2,000	<p>Table Response</p>	
Original Number	Rounded to Nearest Hundred	Rounded to Nearest Thousand									
	13,500	14,000									
	1,700	2,000									