

Name: \_\_\_\_\_

*The 2nd graders had a jumping contest. Mary jumped 38 inches. Sue jumped 55 inches. How much farther did Sue jump than Mary?*

**Use a number line to solve this problem. Explain your thinking.**



<b>Standard(s)</b>	<p><b>2.MD.6</b> Represent whole numbers as lengths from 0 on a number line diagram with equally spaced points corresponding to the numbers 0,1,2,..., and represent whole-number sums and differences within 100 on a <b>number line diagram</b>.</p> <p><b>2.OA.1</b> Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.</p> <p><i>Compare-Difference Unknown: More, One-step</i></p>
<b>Task</b>	<p><i>The 2<sup>nd</sup> graders had a jumping contest. Mary jumped 38 inches. Sue jumped 55 inches. How much farther did Sue jump than Mary? Use a number line to solve. Use numbers and words to show your thinking.</i></p>

<b>Continuum of Understanding</b>		
<b>Developing Understanding</b>	<ul style="list-style-type: none"> <li>• Attempts to draw a number line but is unable to represent spaces accurately.</li> <li>• Solves the problem incorrectly.</li> <li>• Draws the number line inaccurately.</li> <li>• Justification is weak and/or does not accurately represent the strategy used on the number line.</li> </ul>	<p><u>Strategy(ies) Used:</u></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Makes Tens</li> <li><input type="checkbox"/> Creates easier or known sums</li> <li><input type="checkbox"/> Basic Facts</li> <li><input type="checkbox"/> Doubles</li> <li><input type="checkbox"/> Doubles +/- 1, 2</li> <li><input type="checkbox"/> Other:</li> </ul>
<b>Complete Understanding</b>	<ul style="list-style-type: none"> <li>• Correctly solves the problem: 17 inches</li> <li>• Represents numbers as lengths on a number line with equally spaced points corresponding to necessary numbers.</li> <li>• Uses the number line as a tool to solve the problem accurately.</li> <li>• The justification is clear and accurately represents the strategy used on the number line.</li> </ul>	