

Skills and Concepts to Enhance (73% Probability*) 161 - 170	Skills and Concepts to Develop (50% Probability*) 171 - 180	Skills and Concepts to Introduce (27% Probability*) 181 - 190
<b>Geometric Measurement and Problem Solving</b> <ul style="list-style-type: none"> <li>• Compares objects (shorter, longer)</li> <li>• Estimates and measures length of an object to the nearest inch using a picture of a ruler</li> <li>• Measures length with customary measures to the inch mark</li> <li>• Measures length with metric measures to the centimeter mark</li> <li>• Identifies time of day (e.g., morning, afternoon)</li> <li>• Tells time to the nearest hour</li> <li>• Tells time to the nearest half hour</li> </ul>	<b>Geometric Measurement and Problem Solving</b> <ul style="list-style-type: none"> <li>• Identifies the value of a collection of coins to \$1.00 (with pictures of coins)</li> <li>• Identifies the value of a collection of coins and bills to \$10.00 by counting on (with picture of money)</li> <li>• Estimates and measures length of an object to the nearest centimeter using a picture of a ruler</li> <li>• Measures length with customary measures to the inch mark</li> <li>• Tells time to the nearest hour</li> <li>• Tells time to the nearest half hour</li> <li>• Tells time to the nearest 5 minutes</li> <li>• Computes simple conversions among units of time (minutes in an hour, half hour, quarter hour)</li> <li>• Connects money with place value</li> <li>• Determines the area of irregular shapes by counting square units</li> </ul>	<b>Geometric Measurement and Problem Solving</b> <ul style="list-style-type: none"> <li>• Identifies the value of a collection of coins to \$1.00 (without picture of coins)</li> <li>• Adds money with regrouping</li> <li>• Identifies the value of a collection of coins and bills to \$10.00 by counting on (with picture of money)</li> <li>• Finds equivalent combinations of coins with the same value</li> <li>• Combines a collection of coins and identifies the correct notation</li> <li>• Makes change to \$1.00 by counting on or subtracting</li> <li>• Computes with dollars and cents up to and including \$5.00 and converts to decimals (addition/subtraction only)</li> <li>• Computes 1 operation on addition or subtraction real-world problems involving money up to \$5.00</li> <li>• Selects and uses the appropriate type and size of unit in customary system (length)</li> <li>• Uses a variety of non-standard units to measure the same length</li> <li>• Determines more capacity or less capacity</li> <li>• Identifies the correct time, given the words, and vice versa</li> <li>• Determines elapsed clock time</li> <li>• Determines elapsed time under 1 hour or to the hour</li> <li>• Determines elapsed time involving whole hours, whole days, whole years</li> <li>• Tells time to the nearest 5 minutes</li> <li>• Computes simple conversions among units of time (days, weeks)</li> <li>• Determines the perimeter of a figure where all sides are labeled</li> <li>• Determines the area of irregular shapes by counting square units</li> </ul>
<b>Represent and Interpret Data</b> <ul style="list-style-type: none"> <li>• Reads a chart or table - numbers</li> <li>• Reads a simple pictograph - comparisons (e.g., largest smallest, most often, least often)</li> <li>• Displays data appropriately - bar graph - scale is 1 to 1</li> <li>• Reads a simple bar graph - comparisons (e.g., largest, smallest, most often, least often)</li> <li>• Compares data from simple graphs (e.g., largest, smallest, most often, least often)</li> </ul>	<b>Represent and Interpret Data</b> <ul style="list-style-type: none"> <li>• Reads a chart or table - comparisons</li> <li>• Reads a chart or table - numbers</li> <li>• Interprets simple graphs or tables</li> <li>• Reads a simple pictograph - comparisons (e.g., largest smallest, most often, least often)</li> <li>• Solves simple problems based on data from pictographs</li> <li>• Reads a simple bar graph - comparisons (e.g., largest, smallest, most often, least often)</li> <li>• Reads a simple bar graph - numbers (e.g., how many)</li> <li>• Solves simple problems based on data from bar graphs</li> <li>• Compares data from simple graphs (e.g., largest, smallest, most often, least often)</li> </ul>	<b>Represent and Interpret Data</b> <ul style="list-style-type: none"> <li>• Measures length with customary measures to the half-inch mark</li> <li>• Interprets simple graphs or tables</li> <li>• Reads and interprets data from a pictograph</li> <li>• Solves simple problems based on data from pictographs</li> <li>• Reads a simple bar graph - comparisons (e.g., largest, smallest, most often, least often)</li> <li>• Reads a simple bar graph - numbers (e.g., how many)</li> <li>• Reads and interprets data from a bar graph</li> <li>• Interprets a simple bar graph - calculation required</li> <li>• Solves simple problems based on data from bar graphs</li> <li>• Reads data in a line graph - no calculations</li> </ul>

#### Explanatory Notes

\* At the range mid-point, this is the probability students would correctly answer items measuring these concepts and skills. Both data from test items and review by NWEA curriculum specialists are used to place Learning Continuum statements into appropriate RIT ranges. Blank cells indicate data are limited or unavailable for this range or document version.

<b>Skills and Concepts to Enhance (73% Probability*)</b> <b>161 - 170</b>	<b>Skills and Concepts to Develop (50% Probability*)</b> <b>171 - 180</b>	<b>Skills and Concepts to Introduce (27% Probability*)</b> <b>181 - 190</b>
<i>New Vocabulary:</i> dollar, longest, shortest	<i>New Vocabulary:</i> morning	<i>New Vocabulary:</i> changed, clock, estimation, half past, how much time, left over, lowest, millimeter, noon, o'clock, pennies, quarter past, quarter to, what time
<i>New Signs and Symbols:</i> = is equal to, : used with time	<i>New Signs and Symbols:</i> a.m., ¢ cent sign, \$ dollar sign, p.m.	<i>New Signs and Symbols:</i> : used with time, : used with time

**Explanatory Notes**

\* At the range mid-point, this is the probability students would correctly answer items measuring these concepts and skills. Both data from test items and review by NWEA curriculum specialists are used to place Learning Continuum statements into appropriate RIT ranges. Blank cells indicate data are limited or unavailable for this range or document version.