

Skills and Concepts to Enhance (73% Probability*) 231 - 240	Skills and Concepts to Develop (50% Probability*) 241 - 250	Skills and Concepts to Introduce (27% Probability*) 251 - 260
Geometric Measurement and Problem Solving <ul style="list-style-type: none"> Measures length to the nearest millimeter Converts between millimeters, centimeters, meters, and kilometers Apply dimensional analysis to simple real-world problems (length) Solves problems involving length in the customary system and converts to larger or smaller units Converts between grams and kilograms Converts within the metric system Apply dimensional analysis to simple real-world problems (capacity) Solves problems involving capacity in the metric system and converts to larger or smaller units Solves problems involving rates Solves problems involving the perimeter of irregular or complex shapes Describes the change in perimeter when dimensions of an object are altered Identifies the formula for perimeter with a variable Determines the area of a triangle drawn on a grid Calculates the area of a rectangle, given labeled sides (customary units) Determines the length or width of a rectangle, given the area (metric units) Determines the area of irregular shapes (customary units) Calculates the volume of rectangular solids Calculates the length, width, or height of a rectangular prism, given the area (customary units) 	Geometric Measurement and Problem Solving <ul style="list-style-type: none"> Apply dimensional analysis to simple real-world problems (length) Solves problems involving capacity in the metric system and converts to larger or smaller units Solves problems involving area of a rectangle and converts to larger or smaller units (customary) Determines the area of irregular shapes (customary units) Calculates the area of irregular shapes (metric units) Solves complex problems involving inscribed figures Uses properties of angles to solve mathematical problems 	Geometric Measurement and Problem Solving <ul style="list-style-type: none"> Solves complex problems involving inscribed figures Calculates the length of one side of a cube, given the volume (customary units) Uses properties of angles to solve mathematical problems
Represent and Interpret Data <ul style="list-style-type: none"> Determines appropriate intervals and/or scale for a bar graph Interprets data given in horizontal and vertical bar graphs to solve problems 	Represent and Interpret Data	Represent and Interpret Data
<i>New Vocabulary:</i> None	<i>New Vocabulary:</i> None	<i>New Vocabulary:</i> None
<i>New Signs and Symbols:</i> () order of operations, + addition, kg kilogram, P perimeter	<i>New Signs and Symbols:</i> × multiplication	<i>New Signs and Symbols:</i> None

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.