

Skills and Concepts to Enhance (73% Probability*) 181 - 190	Skills and Concepts to Develop (50% Probability*) 191 - 200	Skills and Concepts to Introduce (27% Probability*) 201 - 210
<p>Geometric Measurement and Problem Solving</p> <ul style="list-style-type: none"> Identifies the value of a collection of coins to \$1.00 (without picture of coins) Adds money with regrouping Identifies the value of a collection of coins and bills to \$10.00 by counting on (with picture of money) Finds equivalent combinations of coins with the same value Combines a collection of coins and identifies the correct notation Makes change to \$1.00 by counting on or subtracting Computes with dollars and cents up to and including \$5.00 and converts to decimals (addition/subtraction only) Computes 1 operation on addition or subtraction real-world problems involving money up to \$5.00 Selects and uses the appropriate type and size of unit in customary system (length) Uses a variety of non-standard units to measure the same length Determines more capacity or less capacity Identifies the correct time, given the words, and vice versa Determines elapsed clock time Determines elapsed time under 1 hour or to the hour Determines elapsed time involving whole hours, whole days, whole years Tells time to the nearest 5 minutes Computes simple conversions among units of time (days, weeks) Determines the perimeter of a figure where all sides are labeled Determines the area of irregular shapes by counting square units 	<p>Geometric Measurement and Problem Solving</p> <ul style="list-style-type: none"> Identifies the value of a collection of coins to \$1.00 (without picture of coins) Adds money with regrouping Identifies the value of a collection of coins and bills to \$10.00 by counting on (without picture of money) Finds equivalent combinations of coins with the same value Makes change to \$1.00 by counting on or subtracting Solves real-world problems involving decimals (not money) using addition and subtraction Computes with dollars and cents up to and including \$5.00 and converts to decimals (addition/subtraction only) Computes 1 operation on real-world problems involving money over \$5.00 (addition/subtraction only) Computes half price (multiplication/division) Computes with dollars and cents up to and including \$5.00 and converts to decimals (multiplication/division) Computes 1 operation on real-world problems involving money over \$5.00 (multiplication/division) Selects and uses the appropriate type and size of unit in customary system (length) Computes basic operations with units of weight/mass Converts between cups and pints Converts between cups, pints, and quarts Identifies the correct time, given the words, and vice versa Determines elapsed clock time Tells time to the nearest quarter hour Determines elapsed time involving whole hours, whole days, whole years Tells time to the nearest 1 minute Computes simple conversions among units of time (minutes, hours) Solves simple problems involving elapsed time, with the conversion of hours Solves simple problems involving miles/kilometers per hour Determines the perimeter of a figure where all sides are labeled Determines the perimeter of a figure where some sides are labeled Solves simple problems involving the perimeter of squares, rectangles, or triangles Estimates the area of rectangles using square units 	<p>Geometric Measurement and Problem Solving</p> <ul style="list-style-type: none"> Computes the value of multiple bills and coins (addition/subtraction only) Computes with dollars and cents up to and including \$5.00 and converts to decimals (multiplication/division) Computes addition and subtraction on multiple-step real-world problems involving money Computes money problems with multiple operations (addition/subtraction only) Computes addition, subtraction, multiplication, and division on multiple-step, real-world problems involving money Uses the appropriate unit of measure for length Knows the approximate size of a yard Measures length to the nearest centimeter Converts between inches and feet Knows the approximate size of a pound Knows the approximate size of a gram Converts between cups and pints Converts between cups, pints, and quarts Computes simple conversions among units of time (hours, days) Computes more difficult conversions among units of time Solves problems involving measurement of time Applies dimensional analysis to simple real-world problems (time) Solves simple problems involving elapsed time, with the conversion of hours Solves simple problems involving miles per gallon Solves simple problems involving miles/kilometers per hour Estimates the measure of acute, right, and obtuse angles using 45 and 90 degrees as referents Determines the perimeter of a figure where some sides are labeled Estimates the area of rectangles using square units Determines the area of irregular shapes with partial square units Identifies situations where it is appropriate to calculate area Estimates and finds volume of a figure using cubic units Uses basic indirect methods to estimate measurements (grids for area of irregular figures)

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.

Skills and Concepts to Enhance (73% Probability*) 181 - 190	Skills and Concepts to Develop (50% Probability*) 191 - 200	Skills and Concepts to Introduce (27% Probability*) 201 - 210
Represent and Interpret Data <ul style="list-style-type: none"> Measures length with customary measures to the half-inch mark Interprets simple graphs or tables Reads and interprets data from a pictograph Solves simple problems based on data from pictographs Reads a simple bar graph - comparisons (e.g., largest, smallest, most often, least often) Reads a simple bar graph - numbers (e.g., how many) Reads and interprets data from a bar graph Interprets a simple bar graph - calculation required Solves simple problems based on data from bar graphs Reads data in a line graph - no calculations 	Represent and Interpret Data <ul style="list-style-type: none"> Reads and interprets data from a pictograph Interprets a pictograph - calculation required Reads and interprets data from a bar graph Reads and interprets dual bar graphs Interprets a simple bar graph - calculation required Reads data in a line graph - no calculations 	Represent and Interpret Data <ul style="list-style-type: none"> Solves problems using pictographs Organizes data to create simple bar graphs Solves problems using bar graphs Solves problems using dual bar graphs Draws conclusions from data - bar graphs
<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> : used with time, : used with time	<i>New Vocabulary:</i> decade, deposit, longer, miles per hour <i>New Signs and Symbols:</i> °F degrees Fahrenheit, ft feet, g gram, in. inch, lb pound, m meter/metre, min minute, yd yard	<i>New Vocabulary:</i> bar graph, cubic centimeter, cubic unit, larger <i>New Signs and Symbols:</i> cm centimeter/centimetre, variable

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.