Skills and Concepts to Enhance (73% Probability*) 191 - 200	Skills and Concepts to Develop (50% Probability*) 201 - 210	Skills and Concepts to Introduce (27% Probability*) 211 - 220
Geometric Measurement and Problem Solving	Geometric Measurement and Problem Solving	Geometric Measurement and Problem Solving
• Identifies the value of a collection of coins to $1.00 (without picture of coins)	• Computes the value of multiple bills and coins (addition/subtraction only)	• Computes the value of multiple bills and coins (addition/subtraction only)
• Adds money with regrouping	• Computes with dollars and cents up to and including $5.00 and converts to decimals (multiplication/division)	• Analyzes and computes 1 operation on real-world problems involving money over $5.00 (addition/subtraction only)
• Identifies the value of a collection of coins and bills to $10.00 by counting on (without picture of money)	• Computes addition and subtraction on multiple-step real-world problems involving money	• Analyzes and computes 1 operation on real-world problems involving money over $5.00 (multiplication/division)
• Finds equivalent combinations of coins with the same value	• Computes money problems with multiple operations (addition/subtraction only)	• Computes with dollars and cents over $5.00 and converts to decimals (multiplication/division)
• Makes change to $1.00 by counting on or subtracting	• Computes addition, subtraction, multiplication, and division on multiple-step, real-world problems involving money	• Computes addition and subtraction on multiple-step real-world problems involving money
• Solves real-world problems involving decimals (not money) using addition and subtraction	• Uses the appropriate unit of measure for length	• Computes addition, subtraction, multiplication, and division on multiple-step, real-world problems involving money
• Computes with dollars and cents up to and including $5.00 and converts to decimals (addition/subtraction only)	• Knows the approximate size of a yard	• Uses the appropriate unit of measure for length
• Computes 1 operation on real-world problems involving money over $5.00 (addition/subtraction only)	• Measures length to the nearest centimeter	• Knows the approximate size of a millimeter
• Computes half price (multiplication/division)	• Converts between inches and feet	• Converts between inches and feet
• Computes with dollars and cents up to and including $5.00 and converts to decimals (multiplication/division)	• Knows the approximate size of a pound	• Converts between inches, feet, and yards
• Computes 1 operation on real-world problems involving money over $5.00 (multiplication/division)	• Knows the approximate size of a gram	• Selects and uses the appropriate type and size of unit in metric system (mass)
• Selects and uses the appropriate type and size of unit in customary system (length)	• Converts between cups and pints	• Converts between cups, pints, quarts, and gallons
• Computes basic operations with units of weight/mass	• Converts between cups, pints, and quarts	• Apply dimensional analysis to simple real-world problems (capacity)
• Converts between cups and pints	• Computes simple conversions among units of time (hours, days)	• Computes more difficult conversions among units of time
• Converts between cups, pints, and quarts	• Computes more difficult conversions among units of time	• Applies dimensional analysis to simple real-world problems (time)
• Identifies the correct time, given the words, and vice versa	• Solves problems involving measurement of time	• Solves difficult problems involving elapsed time, with the conversion of hours
• Determines elapsed clock time	• Applies dimensional analysis to simple real-world problems (time)	• Solves simple problems involving miles per gallon
• Tells time to the nearest quarter hour	• Solves simple problems involving elapsed time, with the conversion of hours	• Solves problems involving rates
• Determines elapsed time involving whole hours, whole days, whole years	• Solves simple problems involving miles per gallon	• Estimates the measure of acute, right, and obtuse angles using 45 and 90 degrees as referents
• Tells time to the nearest 1 minute	• Solves simple problems involving miles/kilometers per hour	• Measures angles using a protractor
• Computes simple conversions among units of time (minutes, hours)	• Estimates the measure of acute, right, and obtuse angles using 45 and 90 degrees as referents	• Determines the perimeter of a figure using non-standard units
• Solves simple problems involving elapsed time, with the conversion of hours	• Determines the perimeter of a figure where some sides are labeled	• Solves problems involving the perimeter of squares, rectangles, or triangles
• Solves simple problems involving miles/kilometers per hour	• Estimates the area of rectangles using square units	• Finds the perimeter of a polygon using a formula
• Determines the perimeter of a figure where all sides are labeled	• Determines the area of irregular shapes with partial square units	• Describes the change in perimeter when dimensions of an object are altered
• Determines the perimeter of a figure where some sides are labeled	• Identifies situations where it is appropriate to calculate area	• Determines the area of irregular shapes with partial square units
• Solves simple problems involving the perimeter of squares, rectangles, or triangles	• Estimates and finds volume of a figure using cubic units	• Estimates and finds volume of a figure using cubic units
• Estimates the area of rectangles using square units	• Uses basic indirect methods to estimate measurements (grids for area of irregular figures)	• Identifies properties of angles

Mathematics
Goal: Measurement and Data

RIT Score Range: 201 - 210
Statements Last Updated: Mar 10, 2014

Skills and Concepts to Enhance (73% Probability*) 191 - 200	Skills and Concepts to Develop (50% Probability*) 201 - 210	Skills and Concepts to Introduce (27% Probability*) 211 - 220
Represent and Interpret Data	Represent and Interpret Data	Represent and Interpret Data
• 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	• 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	• Solves problems using pictographs • Solves problems using bar graphs • Reads and interprets data in line plots
New Vocabulary: decade, deposit, longer, miles per hour	*New Vocabulary:* bar graph, cubic centimeter, cubic unit, larger	*New Vocabulary:* century, coin, how long
New Signs and Symbols: °F degrees Fahrenheit, ft feet, g gram, in. inch, lb pound, m meter/metre, min minute, yd yard	*New Signs and Symbols:* cm centimeter/centimetre, variable	*New Signs and Symbols:* $ dollar sign, hr hour, ↓ measurement span down, ← measurement span left, → measurement span right, ↑ measurement span up