Students:	DesCartes Statements:
Students:	 RIT Above 260: Solves problems involving rate conversions (e.g., mi/hr to ft/sec) Solves problems involving successive discounts
Students:	 RIT 251-260: Solves problems involving complex percent discounts (e.g., finding percent discount, regular price) Solves problems involving rate conversions (e.g., mi/hr to ft/sec) Solves problems involving successive discounts Uses dimensional analysis for unit conversions (time)
Students:	 RIT 241-250: Apply dimensional analysis to simple real-world problems (length) Calculates a percent of a rational number (e.g., 6% of 0.78) Calculates commission/deductions and total pay Calculates the percent one number is of another (e.g., 20 is what % of 90) Identifies the ratio from a given real-world situation Solves multiple-step problems involving proportions Solves problems involving a fractional increase Solves problems involving complex percent discounts (e.g., finding percent discount, regular price) Solves problems involving rate conversions (e.g., mi/hr to ft/sec) Solves problems involving simple percent discounts (e.g., finding sale price) Solves problems involving successive discounts Solves problems involving weight in the customary system and converts to larger or smaller units Solves real-world problems involving decimals (not money) using multiplication Uses dimensional analysis for unit conversions (time)
Students:	 RIT 231-240: Apply dimensional analysis to simple real-world problems (capacity) Apply dimensional analysis to simple real-world problems (length) Calculates a percent of a number (e.g., 6% of 30) Calculates commission/deductions and total pay Calculates the percent one number is of another (e.g., 20 is what % of 90) Converts between grams and kilograms Converts between millimeters, centimeters, meters, and kilometers Converts between millimeters, centimeters, meters, and kilometers Converts within the metric system Expresses a percent as a fraction and vice versa Identifies the ratio from a given real-world situation Interprets data given in circle graphs to solve complex problems (with percents) Solves complex problems involving proportions Solves problems involving capacity in the customary system and converts to larger or smaller units Solves problems involving percent (ncrease and decrease Solves problems involving percents Solves problems involving rates Solves problems involving rates Solves problems involving simple percent discounts (e.g., finding sale price) Solves problems involving simple percent discounts (e.g., finding sale price) Solves problems involving weight in the customary system and converts to larger or smaller units Solves problems involving simple percent discounts (e.g., finding sale price) Solves problems involving simple percent discounts (e.g., finding sale price) Solves problems involving weight in the customary system and converts to larger or smaller units Solves problems involving simple percent discounts (e.g., finding sale price) Solves problems involving simple percent discounts (e.g., finding sale price) Solves problems involving weight in the customary system and converts to larger or smaller units Solves problems inv

Students:	 RIT 221-230: Applies dimensional analysis to simple real-world problems (time) Apply dimensional analysis to simple real-world problems (capacity) Calculates a number from a percent (e.g., 4is 9% of what) Calculates a percent of a number (e.g., 6% of 30) Calculates basic percents of a number (e.g., 10%, 20%, 25%, 50%, 100%) Computes 2-step conversions between units of time Converts between cups, pints, quarts, and gallons Converts between millimeters, centimeters, meters, and kilometers Converts between ounces, and yards Converts between ounces, and yards Converts between ounces, pounds, and tons Converts within the metric system Expresses a percent as a fraction and vice versa Interprets data given in circle graphs to solve complex problems (with percents) Solves complex problems involving miles per gallon Solves complex problems involving miles per gallon Solves problems involving miles/kilometers per hour Solves problems involving length in the customary system and converts to larger or smaller units Solves problems involving perimeter and converts to larger or smaller units Solves problems involving perimeter and converts to larger or smaller units Solves problems involving perimeter and converts to larger or smaller units Solves problems involving perimeter and converts to larger or smaller units Solves problems involving perimeter and converts to larger or smaller units Solves problems involving perimeter and converts to larger or smaller units Solves problems involving perimeter and converts to larger or smaller units Solves problems involving perimeter and converts to larger or smaller units Solves problems involving perimeter and converts to larger or smaller units Solves problems involving perimeter and converts to larger or smaller units <
	Uses concrete and pictorial models to represent ratios
	 Uses dimensional analysis for unit conversions (length) Writes a ratio as a percent and vice versa.
	 Writes the missing number in a proportion with numbers other than basic facts (e.g., 5/13=?/117)
Students:	 Applies dimensional analysis to simple real-world problems (time) Apply dimensional analysis to simple real-world problems (capacity) Calculates basic percents of a number (e.g., 10%, 20%, 25%, 50%, 100%) Computes more difficult conversions among units of time Converts between cups, pints, quarts, and gallons Converts between inches and feet Converts between inches, feet, and yards Determines unit price Expresses a percent as a fraction with 100 as the denominator and vice versa Identifies the percent represented in a 2-D region Recognizes and writes proportions Solves 1-step problems involving proportions Solves problems involving rates Solves simple problems involving measurement of length Solves simple problems involving miles per gallon Writes a basic percent as a fraction and vice versa (e.g., 10%, 25%, 50%, 100%)
Students:	 RIT 201-210: Applies dimensional analysis to simple real-world problems (time) Computes more difficult conversions among units of time Computes simple conversions among units of time (hours, days) Converts between cups and pints Converts between cups, pints, and quarts Converts between inches and feet Determines unit price Estimates simple conversions involving length between the customary and metric system Identifies the percent represented in a 2-D region Solves simple problems involving measurement of length Solves simple problems involving miles per gallon Solves simple problems involving miles per hour Writes the missing number in a proportion using basic facts

Students:	 RIT 191-200: Computes simple conversions among units of time (minutes, hours) Converts between cups and pints Converts between cups, pints, and quarts Solves problems involving basic percent concepts (e.g., 10%, 50%, 100%) Solves simple problems involving miles/kilometers per hour Writes the missing number in a proportion using basic facts
Students:	 RIT 181-190: Completes arithmetic growth patterns in number tables by identifying the missing elements Computes simple conversions among units of time (days, weeks)
Students:	 RIT 171-180: Completes a growing arithmetic pattern by naming missing members Computes simple conversions among units of time (minutes in an hour, half hour, quarter hour)
Students:	 RIT 161-170: Completes a growing arithmetic pattern by naming missing members