

Math ISAT: Estimation and Accurate Computations

Skills: Ratio, Percent and Scientific Notation

Students:	RIT Above 270: <ul style="list-style-type: none">• <i>No Skills Listed</i>
Students:	RIT 261-270: <ul style="list-style-type: none">• <i>No Skills Listed</i>
Students:	RIT 251-260: <ul style="list-style-type: none">• Solves problems with scientific notation• Solves problems involving complex percent discounts (e.g., finding percent discount, regular price)
Students:	RIT 241-250: <ul style="list-style-type: none">• Simplifies rational expressions with scientific notation• Solves problems with scientific notation• Solves multiple-step problems involving proportions• Solves problems involving a fractional increase• Calculates a percent of a rational number (e.g., 6% of 0.78)• Calculates the percent one number is of another (e.g., 20 is what % of 90)• Solves problems involving percents (analysis)• Solves problems involving simple percent discounts (e.g., finding sale price)• Solves problems involving complex percent discounts (e.g., finding percent discount, regular price)• Calculates commission/deductions and total pay• Solves problems involving simple interest rates without the formula
Students:	RIT 231-240: <ul style="list-style-type: none">• Solves problems with scientific notation• Solves problems involving equivalent fractions (analysis)• Solves problems involving ratios• Solves multiple-step problems involving proportions• Calculates a percent of a number (e.g. 6% of 30)• Calculates the percent one number is of another (e.g., 20 is what % of 90)• Solves problems involving percents• Solves problems involving percents (analysis)• Solves problems involving simple percent discounts (e.g., finding sale price)• Solves problems involving percent increase and decrease• Solves problems involving tax and tips• Calculates commission/deductions and total pay
Students:	RIT 221-230: <ul style="list-style-type: none">• Solves problems involving ratios• Solves 1-step problems involving proportions• Calculates basic percents of a number (e.g., 10%, 20%, 25%, 50%, 100%)• Calculates a percent of a number (e.g. 6% of 30)• Calculates a number from a percent (e.g., 4 is 9% of what)• Adds and subtracts percent• Solves problems involving percents• Solves problems involving tax and tips• Solves problems involving simple interest rates with the formula• Solves problems comparing percents, fractions, and decimals
Students:	RIT 211-220: <ul style="list-style-type: none">• Solves problems involving equivalent fractions• Solves 1-step problems involving proportions• Calculates basic percents of a number (e.g., 10%, 20%, 25%, 50%, 100%)
Students:	RIT 201-210: <ul style="list-style-type: none">• <i>No Skills Listed</i>
Students:	RIT 191-200: <ul style="list-style-type: none">• Solves problems involving basic percent concepts (e.g., 10%, 50%, 100%)
Students:	RIT 181-190: <ul style="list-style-type: none">• <i>No Skills Listed</i>
Students:	RIT 171-180: <ul style="list-style-type: none">• <i>No Skills Listed</i>
Students:	RIT Below 171: <ul style="list-style-type: none">• <i>No Skills Listed</i>