

Math ISAT: Mathematical Reasoning and Problem Solving

Skills: Problem Solving - Plan

Students:	RIT Above 260: <ul style="list-style-type: none">• <i>No Skills Listed</i>
Students:	RIT 251-260: <ul style="list-style-type: none">• Uses algebraic representations to model and interpret mathematical and real-world situations• Uses graphic representations to model and interpret mathematical and real-world situations
Students:	RIT 241-250: <ul style="list-style-type: none">• Uses algebraic representations to model and interpret mathematical and real-world situations
Students:	RIT 231-240: <ul style="list-style-type: none">• Uses pictures to represent problems• Translates a problem to a symbolic expression or equation (analysis)• Analyzes complex problems to separate into simpler parts
Students:	RIT 221-230: <ul style="list-style-type: none">• Uses pictures to represent problems• Translates a problem to a symbolic expression or equation (analysis)• Applies what was learned to a new and/or more complex problem
Students:	RIT 211-220: <ul style="list-style-type: none">• Uses pictures to represent problems• Uses diagrams to represent problems• Uses systematic lists to represent problems• Translates a 2-step problem to a symbolic expression or equation• Determines the operation needed from a complex problem
Students:	RIT 201-210: <ul style="list-style-type: none">• Draws pictures to represent whole number problems• Uses manipulatives to represent problems• Writes a number sentence for a simple problem solving situation (analysis)• Determines the operation needed to solve a real-world problem• Translates a number sentence to a real-world situation• Translates a 1-step problem to a symbolic expression or equation• Translates a 2-step problem to a symbolic expression or equation
Students:	RIT 191-200: <ul style="list-style-type: none">• Draws pictures to represent whole number problems• Determines the operation needed from a simple problem• Determines the operation needed to solve a real-world problem• Translates from a diagram to an expression or equation• Translates a 1-step problem to a symbolic expression or equation
Students:	RIT 181-190: <ul style="list-style-type: none">• Draws pictures to represent whole number problems• Uses manipulatives to represent whole number problems• Determines the operation needed from a simple problem• Writes a number sentence for a simple problem solving situation
Students:	RIT 171-180: <ul style="list-style-type: none">• Determines the operation needed from a simple problem• Writes a number sentence for a simple problem solving situation
Students:	RIT 161-170: <ul style="list-style-type: none">• <i>No Skills Listed</i>
Students:	RIT Below 161: <ul style="list-style-type: none">• <i>No Skills Listed</i>