

Math ISAT: Algebra, Functions, and Mathematical Models

Skills: Represent Equations, Inequalities, and Functions

Students:	RIT Above 260: <ul style="list-style-type: none">Writes the equation of the line when given the graph of the line
Students:	RIT 251-260: <ul style="list-style-type: none">Uses graphs to represent functionsWrites the equation of the line when given the graph of the lineDetermines the graph of a line when given the equationDetermines slope from graphsInvestigates, describes, and predicts the effects of parameter changes on the graphs of exponential functionsDistinguishes between linear and nonlinear functions (analysis)
Students:	RIT 241-250: <ul style="list-style-type: none">Uses ordered pairs to graph a parabolaDetermines the x- and/or y-intercept of an equationWrites linear equations when given ordered pairsRecognizes the slope of horizontal and vertical linesUses tables to represent functionsCompletes a function table according to a rule (rational numbers)
Students:	RIT 231-240: <ul style="list-style-type: none">Writes the equation of a horizontal or vertical line when given the graph of the lineDetermines the graph of a horizontal or vertical line when given the equationDistinguishes between linear and nonlinear functionsUses tables to represent functionsCompletes a function table according to a rule
Students:	RIT 221-230: <ul style="list-style-type: none">Uses models to represent functionsCompletes a function table according to a rule
Students:	RIT 211-220: <ul style="list-style-type: none">Uses models to represent functionsCompletes a simple function table or function machine
Students:	RIT 201-210: <ul style="list-style-type: none">Uses models to represent functions
Students:	RIT 191-200: <ul style="list-style-type: none"><i>No Skills Listed</i>
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>