getmoremath! New Problems – Algebra I

Skill Code	Path	Skill Description
520032	Algebra/Functions	Find domain and range of real world problems - discrete
520041	Algebra/Functions	Identify function (or not) from tables and ordered pairs
520042	Algebra/Functions	Identify function (or not) from mapping
520005	Algebra/Functions	Identify function (or not) from graph
370051	Algebra/Linear Word Problems	Type 7, four quadrant graph
503124	Algebra/Exponential Functions	Interpret values in exponential functions in real-world problems
503123	Algebra/Exponential Functions	Write exponential functions from real world situations
502507	Algebra/Scientific Notation	Multiply two quantities in scientific notation - WP
315070	Algebra/Inequalities/NumberLine (One Variable)	Solve and/or graph inequalities, vars on both sides and/or dist prop
315042	Algebra/Inequalities/NumberLine (One Variable)	Select correct graph of compound inequality given verbal description
500400	Algebra/Exponents	Use properties of exponents to calculate perimeter and area
302095	Algebra/Writing Equation of a Line	Equations of Lines -standard & point slope form
302037	Algebra/Writing Equation of a Line	Given information, write linear equation in various forms
302036	Algebra/Writing Equation of a Line	Given information, write linear equation in standard form
302030	Algebra/Writing Equation of a Line	Find equation given integral slope and integral point - point-slope form
302031	Algebra/Writing Equation of a Line	Given fraction slope - point-slope form
302032	Algebra/Writing Equation of a Line	Find equation given two integral points that generate a fraction slope - standard form
302034	Algebra/Writing Equation of a Line	Find equation given two integral points - m works out integral - standard form
302035	Algebra/Writing Equation of a Line	Find equation given two integral points - m works out integral - point-slope form
302033	Algebra/Writing Equation of a Line	Find equation given two integral points that generate a fraction slope - point-slope form
317300	Algebra/Inequalities/Linear	Use a table of values to graph a linear inequality
348123	Algebra/Table <-> Rule <-> Graph/Graph --> Rule	Given graph, choose linear function
348125	Algebra/Table <-> Rule <-> Graph/Graph --> Rule	Given graph, write linear equation in point-slope form

Skill Code	Path	Skill Description
3021111	Algebra/Slope	Given table, find and use rate of change (function notation)
147024	Algebra/Compare Real Numbers	Comparing numbers on a given interval
314095	Algebra/Line of Best Fit	Plotting and analyzing residuals
401089	Algebra/Systems/Equations/granular	Given verbal description of system of inequalities select graph
1127204	Algebra 2/Graphing/Quadratics	condensed: given quadratic equation identify key attributes and graph
1127092	Algebra 2/Graphing/Quadratics	Condensed: Identify Key Attributes of Quadratic Equations
1136096	Algebra 2/Quadratics/Functions	Restricted domain and range of quadratics
1156099	Algebra 2/Quadratics/Solve/Complete the square	Solve quadratic equation by completing the square, a = 1, solutions in radical form
318061	Algebra/Inequalities/Linear	Graph linear inequalities - various forms
1124050	Algebra 2/Graphing/Exponentials	Identify asymptote of exponential function from graph
1127095	Algebra 2/Graphing/Quadratics	Given quadratic equation (a = 1) identify key attribute and graph
1127202	Algebra 2/Graphing/Quadratics	Given quadratic equation (a = -1) identify key attributes and graph
1127008	Algebra 2/Graphing/Quadratics	Condensed: Graph quadratics using transformations
1156094	Algebra 2/Quadratics/Solve/Complete the square	Condensed: Solve Quadratic Equations completing the square (real solutions)
1117302	Algebra 2/Exponentials and Logarithmics	Domain & Range of Restricted Graphs of Exponential Functions
1124014	Algebra 2/Graphing/Exponentials	Condensed: Identify transformations and graph exponentials
1126095	Algebra 2/Graphing/Polynomials	Find points of intersection of two polynomial functions
1062099	Geometry/Middle School	Condensed: Applying properties of points, lines, segments, rays, angles
1162005	Geometry/Properties of Triangles/Perpendicular and Angle Bisectors	Condensed: Perpendicular and Angle bisectors
1633010	Geometry/Finding Equations of Lines	Condensed: find parallel or perpendicular equation
1304006	Probability and Statistics/Regression	Given data, use regression and technology to write a exponential function
1153091	Probability and Statistics/Graphical Displays of Data	Interpret two way frequency tables -joint distribution
1153090	Probability and Statistics/Graphical Displays of Data	Condensed: Interpret two way frequecy tables
512322	Probability and Statistics/Middle School	Condensed, Probability questions as fraction, decimal, and percent answers