Unit 2 Student Self-Assessment

After completing Unit 2, please mark how much you agree with the following statements.

If you want to brush up on any of these skills, refer to the lesson heading above it.

I can...	I can	Almost	Not yet
Lesson 2.1: Writing and Graphing Systems of Equations			
Explain "the solution to a system of linear equations" and how the solution is represented graphically.			
Refer to two equations as a system of equations.			
Use tables and graphs to solve systems of equations.			
Lesson 2.2: Writing Systems of Equations			
Write a system of equations from tables of values and graphs.			
Graph systems of equations by hand.			
Lesson 2.3: Solving Systems by Substitution			
Solve systems of equations by substituting a variable or an expression.			
Perform a substitution in more than one way and decide which way or what to substitute based on how the given equations are written.			
Lesson 2.4: Solving Systems by Elimination, Part 1			
Solve systems of equations by adding or subtracting them to eliminate a variable.			

I can...	I can	Almost	Not yet
Create a new equation by adding or subtracting equations in a system, where one of the solutions to the new equation is the solution to the system.			
Lesson 2.5: Solving Systems by Elimination, Part 2			
Explain why adding or subtracting two equations that share a solution results in a new equation that also shares the same solution.			
Lesson 2.6: Solving Systems by Elimination, Part 3			
Explain how multiplying equations by a factor can help solve systems of linear equations.			
Lesson 2.7: Systems of Linear Equations and Their Solutions			
Determine how many solutions a system of equations could have.			
Lesson 2.8: Representing Situations with Inequalities			
Write inequalities that represent the constraints in a situation.			
Lesson 2.9: Solutions to Inequalities			
Graph the solution to an inequality in one variable.			
Solve one-variable inequalities.			
Interpret the solutions to one-variable inequalities in terms of the situation.			
Lesson 2.10: Writing and Solving Inequalities in One Variable			
Analyze the structure of an inequality in one variable to help determine if the solution is greater or less than the solution to the related equation.			

I can...	I can	Almost	Not yet
Write and solve inequalities to answer questions about a situation.			
Lesson 2.11: Graphing Linear Inequalities in Two Variables			
Determine which side of the line the solutions to the inequality will fall, given a two-variable inequality and the graph of the related equation.			
Describe the graph that represents the solutions to a linear inequality in two variables.			
Lesson 2.12: Using Linear Inequalities as Constraints			
Interpret points in the coordinate plane and decide if they are solutions to the inequality, given a two-variable inequality that represents a situation.			
Find the solutions to a two-variable inequality by using the graph of a related two-variable equation.			
Write inequalities to describe the constraints in a situation.			
Lesson 2.13: Solving Problems with Inequalities in Two Variables			
Use graphing technology to find the solution to a two-variable inequality.			
Connect the different representations and interpret them in terms of the situation, when given inequalities, graphs, and descriptions that represent the constraints in a situation.			
Lesson 2.14: Solutions to Systems of Linear Inequalities in Two Variables			
Write a system of inequalities to describe a situation, find the solution by graphing, and interpret points in the solution.			

I can...	I can	Almost	Not yet
Explain what is meant by “the solutions to a system of inequalities” and describe the graphs that represent the solutions.			
Find values that satisfy each constraint individually, and values that satisfy both constraints at once, when given descriptions and graphs that represent two different constraints.			
Lesson 2.15: Solving Problems with Systems of Linear Inequalities in Two Variables			
Explain how to tell if a point on the boundary of the graph of the solutions to a system of inequalities is a solution.			