

Unit 7: Equations and Inequalities Check Point

Unit Checkpoint

Use the *Check Point* to check and reflect before completing the *Test Your Understanding Quiz* for *Unit 7: Equations and Inequalities*.

I understand how to:

<i>Unit 7 Concepts</i>	Place a checkmark in the appropriate column		
	Yes	No	Maybe
Determine and verify the solution to a system of linear-quadratic or quadratic-quadratic equations using technology			
Determine and verify the solution to a system of linear-quadratic or quadratic-quadratic equations algebraically			
Explain the meaning of points of intersection of a system of equations			
Explain why a system of linear-quadratic or quadratic-quadratic equations may have zero, one, two, or an infinite number of solutions			
Model a situation using a system of linear-quadratic or quadratic-quadratic equations			
Relate a system of linear-quadratic equations or quadratic-quadratic equations to the context of a given problem			
Solve a problem that involves a system of linear-quadratic or quadratic-quadratic equations, and explain the strategy used			
Explain how test points can be used to determine the solution region that satisfies an inequality			
Explain when a solid or broken line or curve should be used in the graphical solution for an inequality			
Sketch the graph of a linear or quadratic inequality			
Solve a problem that involves a linear or quadratic inequality in one variable			
Determine the solution of a quadratic inequality using graphing, roots and test points, sign analysis, or case analysis			
Represent and solve a problem that involves a quadratic inequality in two variables			
Interpret the solution to a problem that involves a quadratic inequality in two variables			

If you have any concerns from the *Check Point*, please refer to *Enhance Your Understanding* in the *Module* for designated practice questions and their solutions to help you improve your skills.

Contact your teacher for assistance and clarification as needed.

You have completed the *Lessons* and *Workbooks* for *Unit 7: Equations and Inequalities*. Please review all work in *Workbook 7B* to ensure it is your best work. Submit *Workbook 7B* for marking at this time and continue your training with the next unit, *Unit 8: Course Review*.

Complete the *Test Your Understanding Quiz* when you have reviewed the feedback provided by your marker for *Workbooks 7A* and *7B*.