

Topic: Unit 6 : Systems of Linear Equations and Inequalities

Days: 13

Subject(s):

Grade(s):

Know:

Understand:

Do:

<p>Key vocabulary</p> <p>System of linear equation</p> <p>System of inequalities</p> <p>Region and boundaries</p>	<p>Solving system of equations and inequalities by graphing and algebraic manipulation and <u>applying</u> that knowledge to solve real world problems.</p>	<p>Graph multiple equations on the same coordinate system.</p> <p>Solve system of equations using addition, subtraction and multiplication.</p> <p>Solve system of equations using substitution.</p> <p>Graph system of inequalities and identify valid region and boundaries.</p>
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Which standards are students learning in this unit?

MA.912.A.3.13 Use a graph to approximate the solution of a system of linear equations or inequalities in two variables with and without technology.

MA.912.A.3.14 Solve systems of equations and inequalities in two variables using graphical, substitution and elimination.

MA.912.A.3.15 Solve real-world problems involving systems of linear equations and inequalities in two variables.