

## Solving Systems of Linear Equations

<b>Objective</b>	Students will be able to solve systems of linear equations using graphing, elimination, and substitution.
<b>"I Can" Statement</b>	I can solve systems of linear equations.
<b>Common Core Standards</b>	HSA-CED.A.3: Represent constraints by equations or inequalities, and by systems of equations and/or inequalities, and interpret solutions as viable or nonviable options in a modeling context. HSA-REI.C.6: Solve systems of linear equations exactly and approximately (e.g., with graphs), focusing on pairs of linear equations in two variables.
<b>Supplies</b>	Bell Ringer, Intro Activity, We Do problems, Gallery Walk, Exit Slip, Homework
<b>Opening Activity</b>	Bell Ringer: graphing a linear equation + two spiral review problems
<b>Input</b>	1. Introductory Activity: Students work in groups to solve a word problem, class discussion of approaches and how it is a system of equations 2. I Do/We Do: PowerPoint guided lesson of each method and special cases 3. You Do: Solving Systems of Equations Gallery Walk 3. Additional Resources and/or Homework
<b>Closure/Assessment</b>	Exit Slip: Solving Linear Systems of Equations
<b>Homework</b>	Solving Systems of Linear Equations worksheet with Spiral + Test Prep Questions
<b>Additional Resources</b>	See Resources section of <a href="http://MathClassroomResources.com">MathClassroomResources.com</a> for repetitive skill practice worksheet suggestions