

# DOWNLOAD PDF SOLVING LINEAR EQUATIONS BY GRAPHING WORKSHEET

## Chapter 1 : Equation Worksheets

*Solving Systems of Equations by Graphing* Date \_\_\_\_\_ Period \_\_\_\_\_ Solve each system by graphing. Create your own worksheets like this one with *Infinite Algebra 1*.

Whack a Mole I think of this whack a mole activity as systems of equations with graphing on training wheels. When students practice with these examples there are these little mole characters on the map. They guide students to where the lines should be. It serves as a perfect scaffold for students as they first practice because it has that extra support. Riddle This riddle gives students a chance to graph systems of equations and find the solution. Students complete 12 problems and for each answer they add a letter to the answer of the riddle. The riddle just adds a little fun. The systems problems include some equations that are not in slope intercept form. Also, there are some fractions and negative numbers as well. It gives students a good amount of practice for a class period. Mash-up Math Video Sometimes kids need to see lots of examples. Plus, they can often make more sense of the concept with some real world examples. Anthony from Mash-up math does a great job of doing both things. He explains things in a straightforward way. Also, he has a great real world example that he shares with students. You can watch this video with the whole class or have students watch it individually. When I watch videos with the whole class I like to stop it and ask questions as we go. Usually, I give students questions to answer as we are watching the video as well. Graphing Calculator Activity In 8th grade math we use a graphing calculator a few times a year. This activity from Math Geek Mama really moves students to the next level with a graphing calculator. Worksheets I use the third worksheet on this page to give students extra practice. It works perfectly in my math lab class where students are always needing more opportunities to practice. I have students come to me and check their work after each question because I have a small math lab class. This way they get immediate feedback and can correct course right when they need to. Desmos Lesson and Activities This lesson from Desmos gives students the chance to interact with the concept of systems of linear equations. Also, students get to go back and forth from making predictions, trying things out, and then reflecting on their predictions. Desmos does a great job of using their graphing calculator technology and integrating it into a lesson. It works best as a whole class activity when you want to introduce the concept of systems of equations. Desmos has 7 lessons related to this topic. You can pace the lesson and you can also see all the work that students have done. After you have completed a lesson with the class you could even have students continue to work on them on their own. Shmoop Video This video from Shmoop gives a short, silly example of graphing two equations to find a solution. It shows how to change the equations to slope intercept form as well. I like to use Shmoop videos because they are short and they give kids one more way of looking at the concept. Also, it gives us something we can all refer back to as a class. It serves as a background building opportunity. Students get to practice graphing lines in a computer enhanced way. This activity also practices identifying how many solutions a pair of equations has. I really emphasize with students that you can see how many solutions a system of equations has. They can get some really awesome practice for both skills with this activity. It also mimics the computer enhanced types of questions students have to answer on our state test. This one is a definite winner. Performance Task Summer Swimming With this performance task activity from Illustrative Mathematics students get to use solving systems of equations in a real life situation. I use this when we are doing group work and students are ready for an independent challenge problem. They have to figure out how to solve the problem, create the equations, graph the equations, and explain what they did. This task takes them a little while to complete, and it puts their skills to the test. But if you already have your lessons, and you want to spice things up a little, then I would challenge you to try one new thing. Sometimes when you step out and try something new, you find a diamond in the rough that quickly becomes a go-to activity. You just need to find the activity that will work the best for your students in your situations. Find more systems of equations ideas solving with substitution and elimination here. Thanks so much for reading! Join the Maze of the Month Club Join to get exclusive free math mazes every month! Plus, receive

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## Chapter 2 : Solve Linear Equations By Graphing Worksheets - Printable Worksheets

*Printable Worksheets And Lessons. Graphing Systems Step-by-step Lesson- We work on putting two lines together to see where we meet.; Guided Lesson - You can solve most systems just by seeing the point at which their graph intersects.*

## Chapter 3 : Free worksheets for linear equations (grades , pre-algebra, algebra 1)

*Solve Linear Equations By Graphing. Showing top 6 worksheets in the category - Solve Linear Equations By Graphing. Some of the worksheets displayed are Systems of equations, Solving systems of linear equations by graphing, Solving linear equations by work b i, Solving systems of equations by graphing, Solving systems of linear equations by graphing, Systems of equations.*

## Chapter 4 : 11 Graphing Activities for Solving Systems of Linear Equations - Idea Galaxy

*Solving Systems of Equations by Graphing Date\_\_\_\_\_ Solve each system by graphing (find the point of intersection of the two lines). Worksheet by Kuta Software.*

## Chapter 5 : Pre-Algebra Worksheets | Systems of Equations Worksheets

*Some of the worksheets displayed are Systems of two equations, Practice solving systems of equations 3 different, Solving systems of equations by graphing, Studentclass goal students thinking about continuing, Systems of linear equations, Systems of equations, Systems of equations substitution, Graphing calculator work.*

## Chapter 6 : Solve Systems of Linear Equations by Graphing (Standard) (A)

*What are the Features of a Worksheet? Worksheets provide Excel users with many features. The primary feature provided by worksheets is the ability to store edit and manipulate data in one central location.*

## Chapter 7 : Solve systems of equations by graphing (Pre-Algebra, Graphing and functions) – Mathplanet

*These Linear Equations Worksheets will produce problems for practicing graphing lines given the Y-intercept and a ordered pair. You may select the type of solutions that the students must perform. These Linear Equations Worksheets are a good resource for students in the 5th Grade through the 8th Grade.*

## Chapter 8 : Solving Systems of Linear Equations by Graphing Worksheets

*This segment has an endless collection of equation worksheets based on solving one-step, two-step and multi-step equations; rearranging literal equations, writing the equation of a line in various forms; graphing linear equation and more.*

## Chapter 9 : Solving Systems Of Linear Equations By Graphing Worksheets - Printable Worksheets

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*Solving Algebraically Two Variable Systems of Equations Worksheets* This systems of equations worksheet will produce problems for solving two variable systems of equations algebraically. You may select which type of method the student should use to solve the problems.