

# Algebra 1

## Solve Linear Systems by Graphing

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6th Grade Math	7th Grade Math	8th Grade Math	Algebra 1
<b>Quarter 1</b> 1. 6.1.1 Writing and Evaluating Expressions 2. 6.1.2 Properties of Addition and Multiplication 3. 6.1.4 Distributive Property 4. 6.1.5 Using Formulas to Solve Problems 5. 6.1.6 Estimating with Fractions 6. 6.1.7 Understanding Fractions and Mixed Numbers 7. 6.1.8 Ordering Fractions and Mixed Numbers 8. 6.1.9 Fraction-Decimal Equivalency	<b>Quarter 1</b> 1. 7.1.1 Integers and Absolute Value 2. 7.1.2 Adding and Subtracting Integers 3. 7.1.3 Multiplying and Dividing Integers 4. 7.1.4 The Coordinate Plane 5. 7.1.5 Operations with Rational Numbers 6. 7.1.6 Solving Algebraic Equations with Addition and Subtraction 7. 7.1.7 Solving Algebraic Equations with Multiplication and Division 8. 7.1.8 Solving Two-Step Algebraic Equations 9. 7.1.9 Solving Inequalities 10. 7.1.10 Ratios and Rates 11. 7.1.11 Percentages	<b>Quarter 1</b> 1. 8.1.1 Solving Simple Equations 2. 8.1.2 Solving Equations with Variables on Both Sides 3. 8.1.3 Rearranging Equations and Formulas 4. 8.1.4 Converting Units of Measure 5. 8.1.5 Graphing Linear Equations with Slopes 6. 8.1.6 Finding the Slope of a Line 7. 8.1.7 Graphing Linear Equations in Slope-Intercept Form 8. 8.1.8 Solving Systems of Equations	<b>Quarter 1</b> 1. A.1.1 Writing and Evaluating Expressions and Equations 2. A.1.2 Writing Equations and Inequalities 3. A.1.3 Representing Functions as Tables and Graphs 4. A.1.4 Real Numbers 5. A.1.5 The Distributive Property 6. A.1.6 Rational and Irrational Numbers 7. A.1.7 Solving One-Step Equations 8. A.1.8 Solving Multi-Step Equations P1 9. A.1.9 Multi-Step Equations P2 10. A.1.10 Ratios and Proportions 11. A.1.11 Linear Equations

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**DIGESTIVE SYSTEM**

Labels: tongue, teeth, pharynx, esophagus, stomach, pancreas (part), duodenum, small intestine, liver, gall bladder, transverse colon, ascending colon, caecum, appendix, rectum, anus, descending colon, sigmoid.

System near Equations Overview

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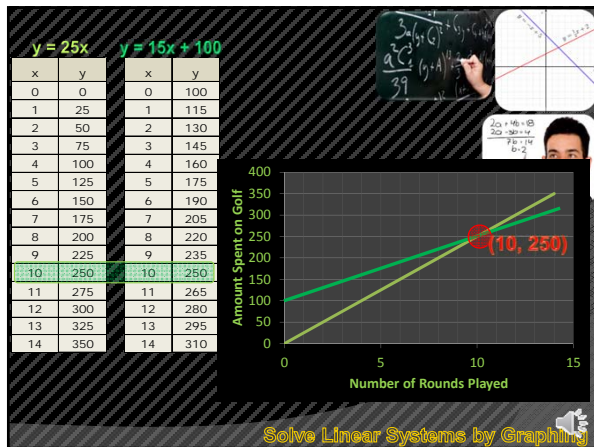
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**Solve this system of equations by graphing.**  
Use a domain of  $-2 \leq x \leq 8$

$y = -x + 4$   
 $y = 2x - 8$

You Try 

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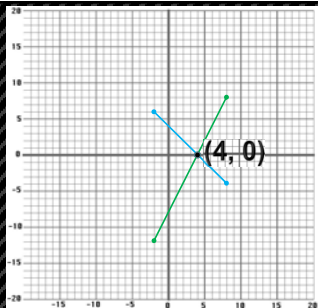
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**Solve this system of equations by graphing.**  
Use a domain of  $-2 \leq x \leq 8$

$y = -x + 4$   
 $y = 2x - 8$

You Try 

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


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My corn plants were 11" high and my tomato plants were 5" high. If my corn plants grow at a rate of 2" per week, and my tomato plants grow at a rate of 3" per week, in how many weeks will my corn and tomato plants be the same height?



You Try 

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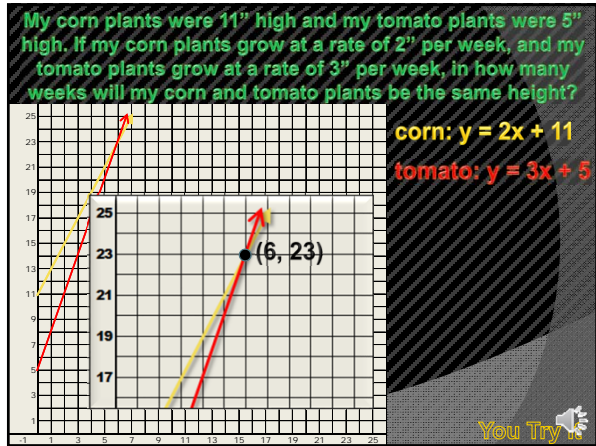
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