

## Problem Sets for MonumentalMath.com in the Category of Algebra

	Grade Level Appropriateness or Beginning Grade												
	Title of Problem Set	Set #		4th	5th	Done?	6th	7th or Pre- Alg	8th or Alg	Geom	Adv Alg	GED Prac.	ACT Prac.
	1-Step Equations												
	1-Step EquationsWith Whole Numbers	1		x	x		x	x	x			x	
		2		x	x		x	x	x			x	
		3			x		x	x	x			x	
		4			x		x	x	x			x	
		5			x		x	x	x			x	
	1-Step Equations With Subtraction	1			x		x	x	x			x	
		2			x		x	x	x			x	
	1-Step Equations, With Multiplication	1		x	x		x	x	x			x	
		2		x	x		x	x	x			x	
	1-Step Equations, With Multiplication or Division	1		x	x		x	x	x			x	
		2		x	x		x	x	x			x	
	Combining Like Terms												
	Combining Like Terms	1					x	x	x			x	
		2					x	x	x			x	
	2-Step and Multi-Step Equations												
	2-Step EquationsWith Whole Numbers	1			x		x	x	x			x	
		2			x		x	x	x			x	
		3					x	x	x			x	
		4					x	x	x			x	
		5						x	x			x	
		6						x	x			x	
	Multi-Step Equations With Whole Numbers	1						x	x			x	x

		2						X	X			X	X
	<b>Title of Problem Set, #</b>		<b>4th</b>	<b>5th</b>	<b>Done?</b>	<b>6th</b>	<b>7th or Pre- Alg</b>	<b>8th or Alg</b>	<b>Geom</b>	<b>Adv Alg</b>	<b>GED Prac.</b>	<b>ACT Prac.</b>	
	<b>Equations With Fractions</b>												
	1-Step Equations With Fractions	1					X	X			X		
		2					X	X			X		
	2-Step Equations With Fractions	1				X	X	X			X		
		2				X	X	X			X		
	<b>Equations With Negative Numbers</b>												
	1-Step Equations With Negative Integers	1				X	X	X			X		
		2				X	X	X			X		
		3				X	X	X			X		
		4				X	X	X			X		
		5				X	X	X			X		
		6				X	X	X			X		
		7				X	X	X			X		
		8				X	X	X			X		
	2-Step Equations, Some With Negative Integers	1					X	X		X	X	X	
		2					X	X		X	X	X	
	<b>Equations With Decimals</b>												
	1-Step Equations With Decimals	1					X	X		X	X		
		2					X	X		X	X		
	<b>Formulas</b>												
	Rearrange the Formula	1					X	X		X	X	X	
		2					X	X		X	X	X	

	<b>"X" on Both Sides</b>											
	Equations With 'x' on Both Sides of the Equal Sign	1						x		x	x	x
		2						x		x	x	x
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	<b>Equations With Distributive Property</b>											
	Equations Showing the Distributive Property	1					x	x		x	x	
		2					x	x		x	x	
	Equations With Fractions and the Distributive Property	1						x		x	x	
		2						x		x	x	
	Using the Distributive Property for Algebraic Expressions	1					x	x		x	x	
		2					x	x		x	x	
		3					x	x		x	x	
		4					x	x		x	x	
		5					x	x		x	x	x
	<b>Monomials</b>											
	What's Missing?	1					x	x		x	x	x
		2					x	x		x	x	x
	Algebraic Fractions Involving Monomials	1						x		x	x	x
		2						x		x	x	x
		3						x		x	x	x

	<b>Binomials</b>											
	Square the Binomial	1						X		X	X	X
		2						X		X	X	X
		3						X		X	X	X
		4						X		X		X
		5						X		X		X
	<b>Title of Problem Set, #</b>		<b>4th</b>	<b>5th</b>	<b>Done?</b>	<b>6th</b>	<b>7th or Pre- Alg</b>	<b>8th or Alg</b>	<b>Geom</b>	<b>Adv Alg</b>	<b>GED Prac.</b>	<b>ACT Prac.</b>
	<b>Binomials</b>											
	Multiplying Binomials	1						X		X	X	X
		2						X		X	X	X
		3						X		X	X	X
		4						X		X	X	X
		5						X		X		X
	Multiplying Binomials To Get the Difference of Squares	1						X		X	X	X
		2						X		X		X
	Factor the "Difference of Squares"	1						X		X		X
		2						X		X		X
	<b>Trinomials</b>											
	Factoring Trinomials	1						X		X	X	X
		2						X		X		X
		3						X		X		X
		4						X		X		X
		5						X		X		X

	Factor the Trinomial - Variety Pack	1						x		x		x
		2						x		x		x
	Factor, Then Simplify Algebraic Fractions	1						x		x		x
		2						x		x		x
	Factoring Perfect Square Trinomials	1						x		x		x
		2						x		x		x
	<b>Solving Polynomial Equations</b>											
	Factor First, Then Solve the Equation	1						x		x		x
		2						x		x		x
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	<b>Graphing on a Coordinate Plane</b>											
	Identify the Slope and Y-Intercept, Given the Equation	1						x		x	x	x
		2						x		x	x	x
		3						x		x	x	x
		4						x		x	x	x
		5						x		x	x	x
		6						x		x	x	x
	Find the Slope, Given Two Points	1						x		x	x	x
		2						x		x	x	x
		3						x		x	x	x
		4						x		x	x	x

		5						X		X	X	X
		6						X		X	X	X
Convert to Slope-Intercept Form	1							X		X	X	X
	2							X		X	X	X
Convert to Standard Form	1							X		X	X	X
	2							X		X	X	X
Find the X and Y Intercepts, Given the Equation	1							X		X	X	X
	2							X		X	X	X
	3							X		X	X	X
	4							X		X	X	X
	5							X		X	X	X
	6							X		X	X	X
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<b>Graphing on a Coordinate Plane</b>												
Identify the Graph, Given the Equation	1							X		X	X	X
	2							X		X	X	X
	3							X		X	X	X
	4							X		X	X	X
	5							X		X	X	X
	6							X		X	X	X
Identify the Equation, Given the Graph	1							X		X	X	X

		2						x		x	x	x
		3						x		x	x	x
		4						x		x	x	x
		5						x		x	x	x
		6						x		x	x	x
	Systems of Equations	1						x		x	x	x
		2						x		x	x	x