

## Algebra Problem Sets - MonumentalMath.com

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.
	<b>1-Step Equations</b>											
	1-Step Equations With 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	
	<b>Combining Like Terms</b>											
	Combining Like Terms	1				x	x	x			x	
		2				x	x	x			x	
	<b>2-Step and Multi-Step Equations</b>											
	2-Step Equations With 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

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	<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

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	<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