

Algebra Problem Sets - MonumentalMath.com

Grade Level Appropriateness or Beginning Grade

	Title of Problem Set	Set #	4th	5th		6th	7th or Pre- Alg	8th or Alg	Geom	Adv Alg	GED	ACT
	1-Step Equations											
	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	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 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	1					x	x			x	x
		2					x	x			x	x

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	Equations With Fractions											
	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	
	Equations With Negative Numbers											
	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	1					x	x		x	x	x
		2					x	x		x	x	x
	Equations With Decimals											
	1-Step Equations With Decimals	1					x	x		x	x	
		2					x	x		x	x	
	Formulas											
	Rearrange the Formula	1					x	x		x	x	x
		2					x	x		x	x	x
	"X" on Both Sides											
	Equations With 'x' on Both Sides of the	1						x		x	x	x
		2						x		x	x	x

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	Equations With Distributive Property												
	Equations Showing the Distributive	1						X	X		X	X	
		2						X	X		X	X	
	Equations With Fractions and the	1							X		X	X	
		2							X		X	X	
	Using the Distributive Property for	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
	Monomials												
	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
	Binomials												
	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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	Binomials											
	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	1						X		X	X	X
		2						X		X		X
	Factor the "Difference of Squares"	1						X		X		X
		2						X		X		X
	Trinomials											
	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
	Solving Polynomial Equations											
	Factor First, Then Solve the Equation	1						X		X		X
		2						X		X		X

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	Graphing on a Coordinate Plane												
	Identify the Slope and Y-Intercept, Given	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	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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	Graphing on a Coordinate Plane											
	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