Challenging Math Problem Sets for MonumentalMath.com

Title of Problem Set	Set #		4th	5th		6th	7th or Pre-Alg	8th or Alg	Geom	Adv Alg	GED Test Practice	ACT Prac.
					Grade Level Appropriateness or Beginning							
Find the Sum of the GCF and LCM	1		x	x		x	x	x			x	
	2		x	x		x	x	x			x	
Figuring With Factorials!	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
Fractions and Negative Exponents	1						x	x		x	x	x
	2						x	x		x	x	x
Evaluating With Negative Exponents	1						x	x		x	x	x
	2						x	x		x	x	x
	3						x	x		x	x	x
Exponents for Experts	1						x	x		x		
	2						x	x		x		
Convert Standard Numbers to Scientific	1					x	x	x		x	x	x
	2					x	x	x		x	x	x
Convert Scientific Notation to Standard	1					x	x	x		x	x	x
	2					x	x	x		x	x	x
Fractional Parts	1						x	x		x	x	
	2						x	x		x	x	
	3						x	x		x		
	4						x	x		x		
The Sum of the Parts	1			x		x	x	x			x	
	2			x		x	x	x			x	

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Title of Problem	Set #		4th	5th		6th	7th or Pre-Alg	8th or Alg	Geom	Adv Alg	GED Test Practice	ACT Prac.
Percent P.O.P's	1						x	x			x	x
	2						x	x			x	x
Change It! Multiplication With Decimals	1					x	x	x			x	x
	2					x	x	x			x	x
Decimals and the Pythagorean Theorem	1						x	x	x		x	x
	2						x	x	x		x	x
Challenging Rectangle Perimeters	1						x	x	x		x	
	2						x	x	x		x	
	3						x	x	x		x	
Simplify Radicals	1							x	x	x	x	x
	2							x	x	x	x	x
	3							x	x	x	x	x
	4							x	x	x	x	x
	5							x	x	x	x	x
	6							x	x	x	x	x
Convert From Base 10 to Base 2	1						x	x				
	2						x	x				
Convert From Base 2 to Base 10	1						x	x				
	2						x	x				
Using the Difference of Squares Pattern	1							x		x		
	2							x		x		
	3							x		x		
	4							x		x		

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