

Problem Sets for MonumentalMath.com in the Category of Challenging Math											
Grade Level Appropriateness or Beginning											
Title of Problem Set, Set #	4th	5th	6th	7th or Pre- Alg	8th or Alg	Geom	Adv Alg	GED Test Practice	ACT Prac.		
Find the Sum of the GCF and LCM, 1		x	x	x	x			x			
" " 2		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 Notation, 1			x	x	x		x	x		x	
" " 2			x	x	x		x	x		x	
Convert Scientific Notation to Standard Numbers, 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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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
DETR ~ Distance Equals Rate * Time, 4				x	x			x	x
" " 5				x	x			x	x
" " 6				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	
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		