

The Problem Sets for MonumentalMath.com in the Category of Math Foundations

Title of Problem Set, Set #	1st	2nd	3rd	4th	5th	6th	7th or Pre- Alg	8th or Alg	Geom	Adv Alg	GED Test Prac.	ACT Prac.
Match Them, With Sums Through 10, 1	x											
" " 2	x											
" " 3	x											
" " 4	x											
" " 5	x											
Match Them, With Sums Through 12, 1	x											
" " 2	x											
" " 3	x											
" " 4	x											
" " 5	x											
Match Them, With Sums Through 18, 1	x	x										
" " 2	x	x										
" " 3	x	x										
" " 4	x	x										
" " 5	x	x										
Match Them, With Sums Through 20, 1	x	x	x									
" " 2	x	x	x									
" " 3	x	x	x									
" " 4	x	x	x									
" " 5	x	x	x									
Adding Doubles, 1	x	x										
" " 2	x	x										
" " 3	x	x										
" " 4	x	x										
" " 5	x	x										
" " 6	x	x										
Mental Math - Addition, 1	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							

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Adding Doubles, Plus 1, 1			x	x										
" " 2			x	x										
" " 3			x	x										
" " 4			x	x										
" " 5			x	x										
" " 6			x	x										
Take It, Break It, Remake It, 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	
" " 6					x	x	x						x	
Something Is Missing, 1					x	x	x							
" " 2					x	x	x							
Adding, With Sums of 50, 1				x	x	x								
" " 2				x	x	x								
" " 3				x	x	x								
" " 4				x	x	x								
" " 5				x	x	x								
" " 6				x	x	x								
Adding, With Sums of 100, 1				x	x	x								
" " 2				x	x	x								
" " 3				x	x	x								
" " 4				x	x	x								
" " 5				x	x	x								
" " 6				x	x	x								
Total Value of Coins, 1			x	x	x	x	x							
" " 2				x	x	x	x							
" " 3				x	x	x	x							
Change From a \$1 Bill, 1					x	x	x	x	x	x			x	
" " 2					x	x	x	x	x	x			x	
" " 3					x	x	x	x	x	x			x	
" " 4					x	x	x	x	x	x			x	
" " 5						x	x	x	x	x			x	
" " 6						x	x	x	x	x			x	

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Change From a \$5 Bill, 1					X	X	X	X	X			X	
" " 2					X	X	X	X	X			X	
" " 3					X	X	X	X	X			X	
" " 4					X	X	X	X	X			X	
" " 5					X	X	X	X	X			X	
" " 6					X	X	X	X	X			X	
Change From a \$10 Bill, 1					X	X	X	X	X			X	
" " 2					X	X	X	X	X			X	
" " 3					X	X	X	X	X			X	
" " 4					X	X	X	X	X			X	
" " 5					X	X	X	X	X			X	
" " 6					X	X	X	X	X			X	
Round to the Nearest 10, 1		X	X	X	X	X	X	X	X				
" " 2		X	X	X	X	X	X	X	X				
" " 3		X	X	X	X	X	X	X	X				
" " 4		X	X	X	X	X	X	X	X				
Round to the Nearest 100, 1		X	X	X	X	X	X	X	X				
" " 2			X	X	X	X	X	X	X				
" " 3			X	X	X	X	X	X	X				
" " 4			X	X	X	X	X	X	X				
Round to the Nearest 1,000 1			X	X	X	X	X	X	X				
" " 2			X	X	X	X	X	X	X				
" " 3			X	X	X	X	X	X	X				
" " 4			X	X	X	X	X	X	X				
Multiplication Using Mental Math, 1					X	X	X	X	X			X	
" " 2					X	X	X	X	X			X	
" " 3					X	X	X	X	X			X	
" " 4					X	X	X	X					
" " 5					X	X	X	X					
" " 6					X	X	X	X					
Yearly Salary, 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	

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Tank of Gas, 1						X	X	X			X	X
" " 2						X	X	X			X	X
DERT ~ Distance Equals Rate * Time, 1					X	X	X	X			X	X
" " 2					X	X	X	X			X	X
" " 3					X	X	X	X			X	X
Using the Distributive Property, 1					X	X	X	X			X	
" " 2					X	X	X	X			X	
" " 3					X	X	X	X			X	
The Factors of.... 1			X	X	X	X	X	X			X	
" " 2			X	X	X	X	X	X			X	
" " 3			X	X	X	X	X	X			X	
" " 4				X	X	X	X	X			X	
" " 5				X	X	X	X	X			X	
" " 6				X	X	X	X	X			X	
Greatest Common Factor, 1				X	X	X	X	X			X	
" " 2				X	X	X	X	X			X	X
Lowest Common Multiple, 1				X	X	X	X	X			X	
" " 2				X	X	X	X	X			X	
" " 3				X	X	X	X	X			X	X
Prime Factorization, 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	
Find the GCF, Using Prime Factorization, 1						X	X	X				
" " 2						X	X	X				
" " 3						X	X	X				
" " 4						X	X	X				
Find the LCM, Using Prime Factorization, 1						X	X	X				
" " 2						X	X	X				
" " 3						X	X	X				

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Divide and Double, 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	
Fractions - Simplify Completely, 1						X	X	X	X	X			X	
"	"	2				X	X	X	X	X			X	
"	"	3				X	X	X	X	X			X	
"	"	4					X	X	X	X			X	
"	"	5					X	X	X	X			X	
"	"	6					X	X	X	X			X	
"	"	7					X	X	X	X			X	
"	"	8					X	X	X	X			X	
"	"	9					X	X	X	X			X	
"	"	10					X	X	X	X			X	
Order Up, 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	
Addition of Fractions With Like Denominators, 1						X	X	X	X	X			X	
"	"	2				X	X	X	X	X			X	
"	"	3				X	X	X	X	X			X	
"	"	4				X	X	X	X	X			X	
"	"	5					X	X	X	X			X	
"	"	6					X	X	X	X			X	

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Addition of Fractions With Like or Unlike Denominators, 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	X
"	" 6					X	X	X	X			X	X
"	" 7					X	X	X	X			X	X
Cut It In Half, 1			X	X	X	X	X	X	X			X	
"	" 2		X	X	X	X	X	X	X			X	
"	" 3			X	X	X	X	X	X			X	
"	" 4		X	X	X	X	X	X	X			X	
"	" 5		X	X	X	X	X	X	X			X	
"	" 6			X	X	X	X	X	X			X	
"	" 7			X	X	X	X	X	X			X	
"	" 8				X	X	X	X	X			X	
"	" 9				X	X	X	X	X			X	
"	" 10					X	X	X	X			X	
Multiplication of Fractions, 1						X	X	X	X			X	X
"	" 2					X	X	X	X			X	X
"	" 3					X	X	X	X			X	X
"	" 4					X	X	X	X			X	X
"	" 5					X	X	X	X			X	X
"	" 6						X	X	X			X	X
Multiplication With a Fraction - Be Clever! 1							X	X	X			X	X
"	" 2						X	X	X			X	X
P.O.P. - A Portion of a Portion, 1							X	X	X			X	X
"	" 2						X	X	X			X	X
"	" 3						X	X	X			X	X
Close Enough! Finding a Fraction of a Number, 1						X	X	X	X			X	X
"	" 2					X	X	X	X			X	X
"	" 3					X	X	X	X			X	X

		1st	2nd	3rd	4th	5th		6th	7th or Pre-Alg	8th or Alg	Geom	Adv Alg	GED Test Prac.	ACT Prac.
	Converting Mixed Numbers to Improper Fractions, 1					X		X	X	X			X	
	" " 2					X		X	X	X			X	
	Converting Improper Fractions to Mixed Numbers, 1					X		X	X	X			X	
	" " 2					X		X	X	X			X	
	Multiplication With a Mixed Number, 1					X		X	X	X			X	
	" " 2					X		X	X	X			X	
	" " 3					X		X	X	X			X	
	Division of a Whole Number by a Fraction, 1					X		X	X	X			X	
	" " 2					X		X	X	X			X	
	Converting Common Fractions to Decimals, 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	
	" " 7					X		X	X	X			X	
	" " 8					X		X	X	X			X	
	" " 9					X		X	X	X			X	
	" " 10					X		X	X	X			X	
	Converting Fractions to Decimals, 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	
	" " 9							X	X	X			X	
	" " 10							X	X	X			X	

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Converting Fractions to Percents, 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
Find 10% or 20% of a Number, 1						X	X	X			X	X
" " 2						X	X	X			X	X
" " 3						X	X	X			X	X
" " 4						X	X	X			X	X
Find 25% or 50% or 75% of a Number, 1						X	X	X			X	X
" " 2						X	X	X			X	X
" " 3						X	X	X			X	X
" " 4						X	X	X			X	X
Find a Percent of a Number, 1						X	X	X			X	X
" " 2						X	X	X			X	X
" " 3						X	X	X			X	X
" " 4						X	X	X			X	X
Find a Percent, Larger Than 100%, of a Number, 1						X	X	X			X	X
" " 2						X	X	X			X	X
Close Enough! Finding a Percent of a Number, 1						X	X	X			X	X
" " 2						X	X	X			X	X
" " 3						X	X	X			X	X
" " 4						X	X	X			X	X
This Is What Percent of That? 1						X	X	X			X	X
" " 2						X	X	X			X	X
Find the Mean 1						X	X	X			X	
" " 2						X	X	X			X	
Find the Median 1						X	X	X			X	
" " 2						X	X	X			X	
Find the Mode 1						X	X	X			X	
" " 2						X	X	X			X	

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How Tall Is That? (ft. & in.), 1				x	x	x	x	x			x	
" " 2				x	x	x	x	x			x	
" " 3				x	x	x	x	x			x	
" " 4				x	x	x	x	x			x	
" " 5				x	x	x	x	x			x	
Time Conversions, 1				x	x	x	x	x			x	
" " 2				x	x	x	x	x			x	
Metric Conversions - Length, 1					x	x	x	x			x	
" " 2												
" " 3					x	x	x	x			x	
Weight Conversions - Customary Units 1						x	x	x			x	
" " 2						x	x	x			x	
Volume Conversions - Customary Units 1					x	x	x	x			x	
" " 2					x	x	x	x			x	
" " 3					x	x	x	x			x	
Rounding Decimals to the Nearest Tenth, 1				x	x	x	x	x			x	
" " 2				x	x	x	x	x			x	
" " 3				x	x	x	x	x			x	
" " 4				x	x	x	x	x			x	
Rounding Decimals to the Nearest Hundredth, 1				x	x	x	x	x			x	
" " 2				x	x	x	x	x			x	
" " 3				x	x	x	x	x			x	
" " 4				x	x	x	x	x			x	
Decimal Addition, With Sums of 1, 1					x	x	x	x			x	
" " 2					x	x	x	x			x	
" " 3					x	x	x	x			x	
" " 4					x	x	x	x			x	
Decimal Addition, With Sums of 10, 1						x	x	x			x	
" " 2						x	x	x			x	
" " 3						x	x	x			x	
" " 4						x	x	x			x	

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Do the Math - Adding Integers, 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
" " 7						X	X	X			X	X
" " 8						X	X	X			X	X
" " 9						X	X	X			X	X
Subtracting With Negative Integers, 1							X	X			X	X
" " 2							X	X			X	X
Maybe It's Negative, 1							X	X			X	X
" " 2							X	X			X	X
Order of Operations, 1							X	X			X	X
" " 2							X	X			X	X
" " 3							X	X			X	X
" " 4							X	X			X	X
Find a Fraction of a Negative Number, 1							X	X			X	X
" " 2							X	X			X	X
" " 3							X	X			X	X
Working With Absolute Values, 1							X	X	X		X	X
" " 2							X	X	X		X	X
Exponents, 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
" " 6							X	X		X	X	X

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	Between Which Two Positive Consecutive Integers? 1								x	x	x	x	x	x
	" " 2								x	x	x	x	x	x
	Sums of Square Roots, 1								x	x	x	x	x	x
	" " 2								x	x	x	x	x	x
	" " 3								x	x	x	x	x	x
	Sums and Differences of Square Roots, 1								x	x	x	x	x	x
	" " 2								x	x	x	x	x	x