

Homework 11/16

Student Mathematician: _____ Date: _____

Variable Puzzles ~~Worksheet~~

5	Column 1	Column 2	Column 3	Row Total
Row 1	L	3	M	22
Row 2	5	M	9	27
Row 3	P	P	7	27
Column Total	21	26	29	

L = _____

M = _____

P = _____

6	Column 1	Column 2	Column 3	Row Total
Row 1	R	Q	S	12
Row 2	S	R	9	20
Row 3	S	S	8	26
Column Total	20	12	26	

Q = _____

R = _____

S = _____

7	Column 1	Column 2	Column 3	Row Total
Row 1	Z	8	W	11
Row 2	7	Z	W	10
Row 3	X	Y	Z	9
Column Total	13	13	4	

W = _____

X = _____

Y = _____

Z = _____

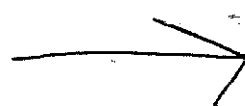
8	Column 1	Column 2	Column 3	Row Total
Row 1	A	4	B	16
Row 2	B	13	2	25
Row 3	7	C	A	15
Column Total	19	23	14	

A = _____

B = _____

C = _____

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Create Your Own Variable Puzzles

Create at least 1 variable puzzle of your own!

The same variables (letters) have the same value everywhere in an individual puzzle, but the value may change from one puzzle to another. Different variables in a puzzle have different values. The numbers at the end of each row and column are the sums of all the values in that row or column. Find the value for each variable.

	Column 1	Column 2	Column 3	Row Total
Row 1				
Row 2				
Row 3				
Column Total				

	Column 1	Column 2	Column 3	Row Total
Row 1				
Row 2				
Row 3				
Column Total				

	Column 1	Column 2	Column 3	Row Total
Row 1				
Row 2				
Row 3				
Column Total				

	Column 1	Column 2	Column 3	Row Total
Row 1				
Row 2				
Row 3				
Column Total				

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