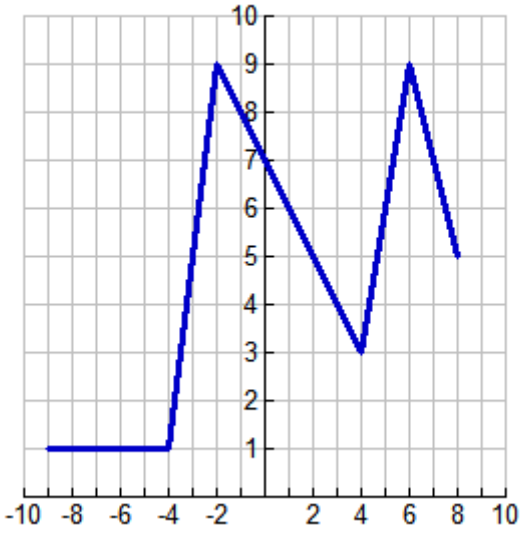
Name: _____ Date: _____ Period: _____

Functions Sudoku

	R	S	T	U	V	W	X	Y	Z
A	2				4	1	6	5	
B				9	6	3		1	
C		1						9	
D								8	4
E	9	4						7	6
F	8	6							
G		2						4	
H		7		4	5	6			
I		8	1	7	9				3



AY $f(-3)$

BY $f(-8)$

CY $f(-2)$

DY $f(-1)$

DZ $f(x) = 3$

EY $f(7)$

EZ $f(x) = 9$

AR $f(x) = 5 - 3x$, what is $f(1)$?

CS If $g(x) = 5^{x-3}$, find $g(3)$.

ER Given $f(3) = 9$, what is the y-value of the coordinate?

ES If $g(x) = 5|3x - 2| + 4$, find $g\left(\frac{2}{3}\right)$.

FR If $h(x) = \sqrt{2x + 4}$, find $h(30)$.

FS Solve for a if $h(3) = 8$ and $h(x) = 3x^2 - ax - 1$.

GS If $f(x) = \frac{2x-1}{3}$, find $6f(1)$.

HS If $f(x) = 6x + 4$ and $g(x) = -7x - 8$, find $-(f + g)(3)$.

AV If $f(x) = 4x^2 - 6$ and $g(x) = -4x^2 + 6$, find $4 + (f + g)(4)$.

AW If $g(8) = 1$, what is the y-coordinate when written as an ordered pair?

BU If $b(x) = \frac{3}{5}x + 12$, find $b(-5)$.

BV If $g(x) = 5x^2 - 4x + 3$ and $h(x) = 2x - 7$, find $\frac{1}{3}(g - h)(2)$.

BW If $f(x) = \frac{1}{3}x^2$, find $16f\left(\frac{3}{4}\right)$.

HU For what values are $f(x) = 2x + 9$ and $g(x) = x + 13$ equivalent?

HV $7(a - 3) = -2(a - 12)$

HW For what values are $h(x) = x + 6$ and $j(x) = 3x - x$ equivalent?

AX If $f(6) = 5$, what is the x-coordinate when written as an ordered pair?

GY If $f(x) = 2x^2 - 3x$ find $\frac{1}{5}f(-2.5)$.

IZ Find $f(2)$ when given $w(x) = -x^2 + 4x - 1$,

IU Given $m(7) = 3$ what does x equal?

IV $f(x) = 4x^2$, find $f\left(\frac{3}{2}\right)$.

IS $m(x) = 13$, solve for x if $m(x) = 2x - 3$

IT $g(x) = \frac{x-4}{5}$, $g(9) = ?$