

10. Engaging Resources Function Operations

RF SO1: Operations on and Composition of Functions

This activity involves students creating a Sudoku by answering function operation and composition questions. Once students have answered all of the clues, they may complete the Sudoku puzzle.

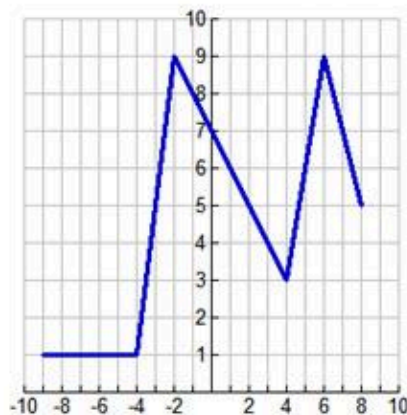
[Functions Review Sudoku](#)

[Functions Review Sudoku Answers](#)

Name: _____ Date: _____ Period: _____

Functions Sudoku

	R	S	T	U	V	W	X	Y	Z
A									
B									
C									
D									
E									
F									
G									
H									
I									



- 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 $f(1)$?

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

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