

MA 109: August 29

Function Notation: Algebra and Solving

Start of Class

Instructor Information

Name:

Email:

Office Hours:

Warm-up Questions

Notes

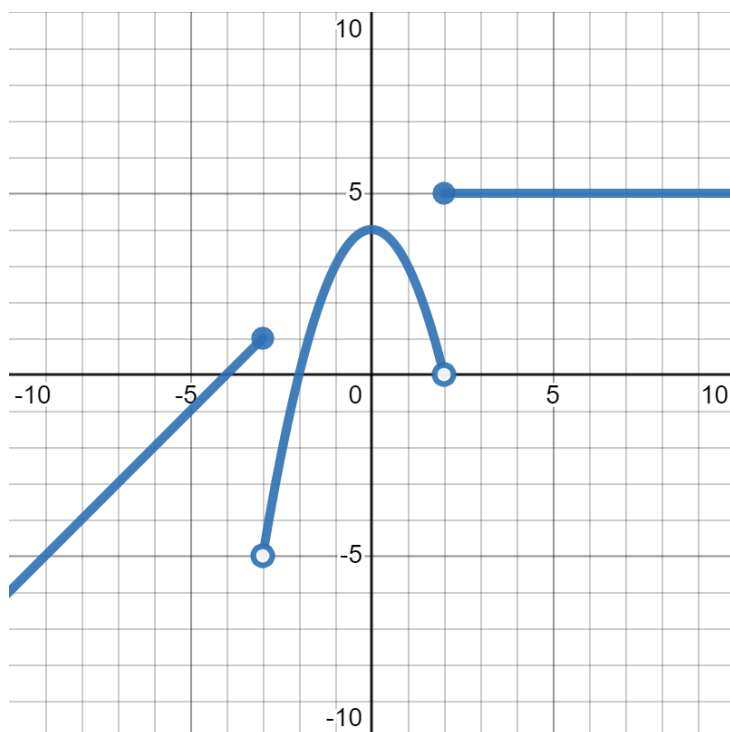
Example: Suppose $f(x) = x^2 + 1$ and $g(x) = 3x - 2$. Evaluate $2f(-1) + g(3)$.

Example: Suppose $f(x) = x^2 + 5x - 1$

Question 1: Evaluate $f(a) + 7$	Question 2: Evaluate $f(a + 7)$

Example: Suppose $h(x) = 3x + 7$. Solve $h(x) = -2$.

Example: Suppose $p(x)$ is given in the graph below. Solve $p(x) = 0$.



Example: Using the table below, solve $h(x) = 2$.

x	$g(x)$	$h(x)$
-3	6	3
-1	2	-3
2	5	7
3	4	2

End of Class

Write a summary of what you learned today:

What questions do you have about the material from today?

What do you need to do between now and the next class meeting?