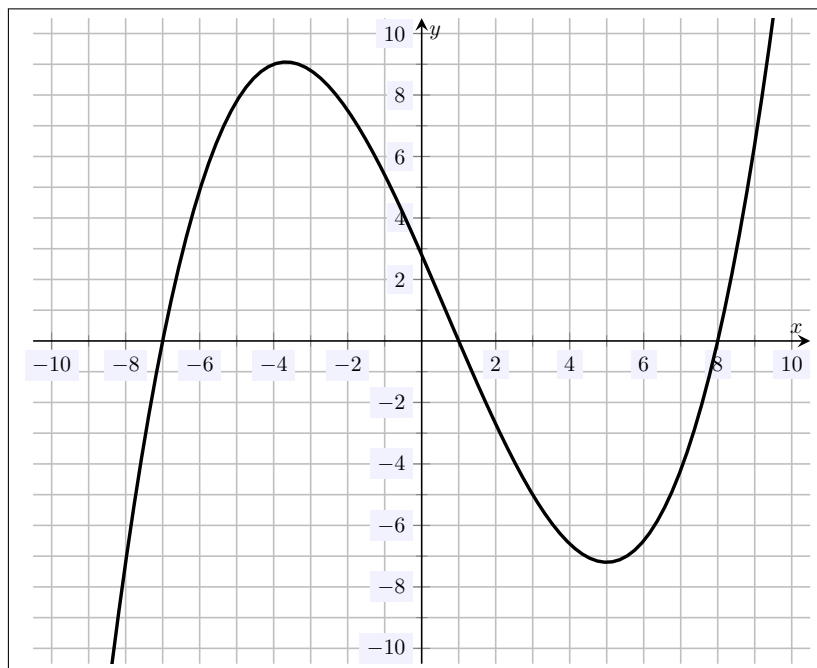**MATH 104**
Spring 2023
HW 2: Due 05/04

"All things are subject to interpretation. Whichever interpretation prevails at a given time is a function of power and not truth."
—Friedrich Nietzsche

Problem 1. (10pt) A relation $f(x)$ is graphed on the plot below.

(a) Is the relation above a function? Explain.

(b) Does the relation above have an inverse function? Explain.

Problem 2. (10pt) A function $f(x)$ is plotted below. On the same plot, graph the function $g(x) = 4 - f(x - 5)$.