Name:	
Email:	

Math Club: Biweekly Contest Week Three

Release Date: February 28, 2024

Instructions: Solve the following problem as best you can. The first student to submit the correct solution via email to tamumathcontest@gmail.com or to Jeremy Kubiak in Blocker 336D (with time stamp) wins!

Problem 1. Find the solution set to the equation

$$[x]^7 + \{x\}^7 = x^7$$
 where $\{x\} = x - [x]$.