Name:	

Math Club: Contest Week Four

Release Date: October 19, 2022

Instructions: Solve the following problem the best you can, first to submit the correct solution

via email or the secretaries in Room 332 (with time stamp) wins!

Problem 1. If x + y + z = 0, then compute

$$\left(\frac{y-z}{x} + \frac{z-x}{y} + \frac{x-y}{z}\right) \left(\frac{x}{y-z} + \frac{y}{z-x} + \frac{z}{x-y}\right).$$