Problem of the Week
Problem D
A Weightier Problem

George has three objects, each of a different mass. He weighs the objects in pairs and records the mass of each pair of objects. Later, he realizes that he forgot to weigh the objects individually, but no longer has access to a scale. The three recorded masses are 2986 g, 3464 g, and 3550 g. Determine the mass of the heaviest object.