



Problem of the Week

Problem C

A Weighty Problem

Ron has ten identical spheres and ten identical cubes. He was asked to determine the combined mass of the ten spheres and ten cubes, but he did not have a reliable weigh scale. However, he was given the following information:

- Two spheres and three cubes have a mass of 21 g.
- Three spheres and two cubes have a mass of 19 g.

Your task is to determine the combined mass of the ten spheres and ten cubes.

