



Problem of the Week

Problem D

No Weigh!

Icon Duit was asked to determine the combined weight of one sphere and one cube but he did not have a reliable weigh scale. He was, however, given the following information:

- Four spheres and three cubes weigh 37 g.
- Three spheres and four cubes weigh 33 g.

Icon was quickly able to determine the combined weight, in grams, of one sphere and one cube. Your task is to also determine the combined weight of one sphere and one cube.

