

Investigate - Quantum Particles

Problem: Each tube contains some number of identical particles. Design an experiment to determine the number of particles in each container without opening the container. The mass of the container is written on its side.

Design:



Materials:



Procedure:



Results:



Conclusions:

1. Rank the containers by number in order of increasing number of particles inside.
2. What is the mass of each particle?
3. For each tube, determine the number of particles that it contains.