

# Density

(Occasionally done)

## Purpose:

To show difference in densities.

## Required Materials:

1 – Triple Beam Balance    Distilled Water    1 – 4L beaker

Diet and Regular Coke Cola

## Procedure:

Place regular and diet Coke in a 4L beaker with 3L of water. The diet Coke sits slightly higher in the water because it is lighter. When diet and regular coke were placed on a triple beam balance, the regular coke was 20 grams heavier than the diet coke.

**Reaction:** None

## Waste:

There is no waste in this experiment, as the coke cans were not opened. Simply place them back on a shelf to be used in future demonstrations.

