BUOYANT BALLS

Bicycle
Spoke

Less Distance

More Distance

Two Bobs of different weights (same volume) balanced

The Bobs balance in water too!
Two Balls of different weights and volumes balanced on a bicycle spoke (pivot unsymmetric for balance)

BALANCED IN AIR

UNBALANCED IN WATER (UPTHRUST MORE FOR BIGGER BOB)
Arvind Gupta
Toys from Trash
www.arvindguptatoys.com/toys.html

Step-by-Step Photo Guide

Balance in Air

Cube has much bigger volume than Bob

Unbalance in Water

More the volume greater the upthrust
Arvind Gupta
Toys from Trash
www.arvindguptatoys.com/toys.html

Step-by-Step
Photo Guide

TRY WITH
BIG & SMALL STONES

THE BIGGER STONE
GETS MORE PUSH
FROM BELOW!