

AQUACULTURE TECHNOLOGY

Marine Engineering/Physics

Practice Worksheet On Volume and Displacement

1. Find the volume of a box 6 in. x 8 in. x 2 ft. (Answer in Cubic Feet)
2. Will this box float if it weighs 40 lbs ? SHOW ALL WORK

Volume = L x W x H

Density of Sea Water = 64 lbs./cu.ft.

Remember that all units (feet, inches, etc.) must be the same - either all feet, or all inches before you multiply them together. Also, How many cubic inches are in one cubic foot ? You will need to know this to answer the questions. Draw pictures, they help.

