

TOPIC

Fluids – Section X – Question 1

QUESTION

A boat floating on a lake (density of water = 62.4 lb/ft^3) displaces 125 cu-ft of water. The mass of the boat in tons most nearly is

- (A) 0.26
- (B) 1.4
- (C) 3.9
- (D) 998

HINTS

- Balance the forces in the vertical direction
- Apply Archimedes Principle

CONTRIBUTOR

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