

Answer on Question #41571, Physics, Other

Question:

Steel ship ships are able to float on water even though steel is denser than water. This is explained using the ----- principle.

- a. Archimedes
- b. surface tension
- c. Newton's
- d. Joule's

Answer:

Archimedes' principle states that the upward buoyant force is equal to the weight of the fluid that the body displaces. So, if steel ship displaces enough water it can float on water.

Answer: a. Archimedes

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