

Answer on Question #54163-Physics-Other

If two people of the same mass were swimming and one is a couch potato and the other is a 4season athlete which would probably float in water more easily?

Answer

The 'couch potato' will float more easily as their mass is made up more by fat and less by muscle, and fat is less dense than muscle, so will float in water better. Hence the one with more fat (couch potato) will float better.

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