A load of sand is poured into a pool to give it a new sandy bottom. It also raises the water level of the pool. If the sand were instead poured into a boat floating in the pool, the water level of the pool would rise

a) less.

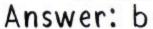
CONCEPTUAL Physics

- b) more.
- c) to the same level.

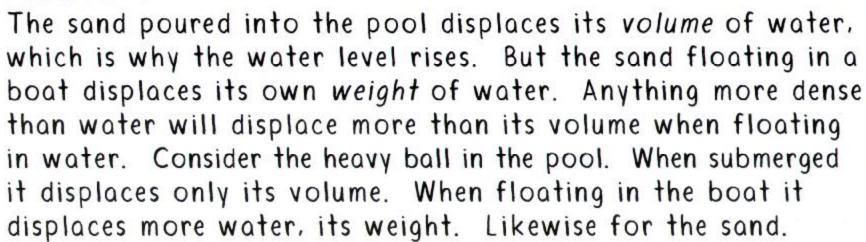


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CONCEPTUAL Physics



So if scrap iron on a barge is tossed overboard, will the surrounding water level fall?

