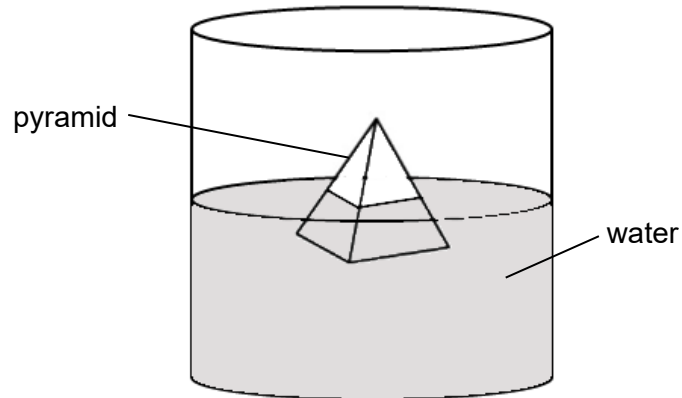


- 6 The diagram shows a pyramid partially submerged and floating in water.



Which statement is **incorrect**?

- A The depth of submersion depends on the orientation with which the pyramid is floating.
- B The total upthrust remains the same when a liquid of higher density is added to the water.
- C The pressure difference between the surface of the water and the lowest point of the pyramid remains the same when it is made to float inverted.
- D If another object of the same density as the pyramid is placed in the water, the ratio of the volume of the object to the volume of the water it displaces is the same as that for the pyramid.