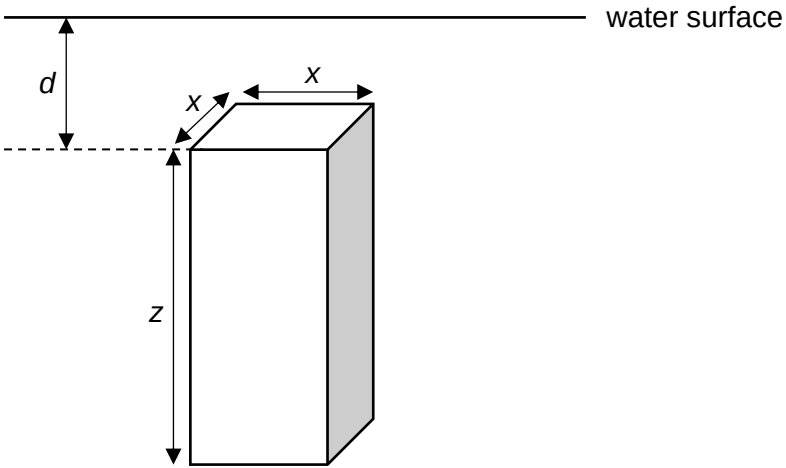
4 A uniform block of dimensions x^2 by z is fully submerged at depth d in a tank of water as shown.



The block is held vertically in the position shown. The density of the block is the same as the density of the water.

If the block is always held at the same depth d below the surface of the water, which single change would increase the magnitude of the upthrust force on the block?

A decrease the density of the block
B hold the block horizontally
C increase dimension z
D increase the density of the block