




"If you have a block of ice and keep it at approximately the same temperature forever, it will never change into water." Do you agree or disagree with this statement?

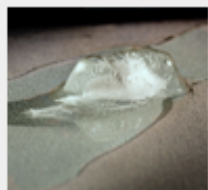
[Show Answer](#)

 Click below the question to view the answer.




If you had a tall glass and you poured in some pancake syrup, then some water and then some cooking oil, all in the exact same amounts, what do you think would happen to the liquids in the glass? Explain why.

[Show Answer](#)



"If you have a block of ice and keep it at approximately the same temperature forever, it will never change into water." Do you agree or disagree with this statement?

Ice is water, therefore, it cannot "change into water". If it is maintained at a standard freezing temperature, it will not melt.

 Click below the question to view the answer.



If you had a tall glass and you poured in some pancake syrup, then some water and then some cooking oil, all in the exact same amounts, what do you think would happen to the liquids in the glass? Explain why.

Some of the syrup would dissolve in the water and the rest would sink to the bottom because syrup is soluble and more dense than water. Because oil is less dense than water and non-water soluble, the oil would float on top of the water and would not dissolve or mix.