

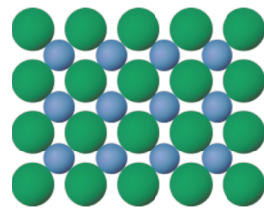


Problem of the Week Grade 11 and 12

Partly Salted

When one kilogram of salt is added to a solution of salt and water, the solution becomes $\frac{1}{3}$ salt by mass. One kilogram of water is then added to the new solution resulting in a solution that is $\frac{3}{10}$ salt by mass.

What fraction of the original solution was salt?



NaCl

+



H₂O

