## **Question:**

Write the approximate net reaction between carbonate ion and water in a system that is not also exposed to atmospheric carbon dioxide. Is the resulting water acidic, alkaline, or neutral?

## Solution:

 $CO_3^{2-} + H_2O = HCO_3^{-} + OH^{-}$ 

## Answer:

Resulting water is alkaline.

Answer provided by www.AssignmentExpert.com