Answer on Question \#50375, Chemistry, Other
What is the pOH of a solution with a $\left[\mathrm{OH}^{-}\right]$concentration of $9.7 \times 10^{-11} \mathrm{M}$ ?

## Solution:

$$
\begin{gathered}
p O H=-\log _{10}\left[\mathrm{OH}^{-}\right] \\
p O H=-\log _{10} 9.7 \times 10^{-11}=10.01
\end{gathered}
$$

## Answer: <br> $\mathrm{pOH}=10.01$

