## Molarity of dissolved $\mathrm{CO}_{2}$ in water



By Henry's law we know that $\mathrm{CO}_{2}$ will dissolve in $\mathrm{H}_{2} \mathrm{O}$ at a mole fraction of $\mathrm{x}_{\mathrm{CO}_{2}}=1.2 \times 10^{-5}$. Calculate the molarity of dissolved $\mathrm{CO}_{2}$ under these conditions.

