

PRACTICE: SOLUBILITY CALCULATIONS

1. The molar solubility of barium nitrate, $\text{Ba}(\text{NO}_3)_2(\text{s})$, at 25°C is 0.105 mol/L . Calculate the solubility product constant for barium nitrate at 25°C .
2. Calculate the molar solubility of zinc hydroxide, $\text{Zn}(\text{OH})_2(\text{s})$, in water at 25°C .
3. Which has a greater solubility, silver bromide or silver chloride? Explain your reasoning.