



Stoichiometry Problem

Consider 100.0 mL of 0.30 *M* $\text{Pb}(\text{NO}_3)_2$ (*aq*) mixed with 100.0 mL of 0.40 *M* KI (*aq*).

- What ions are left in solution **after** the reaction is complete?
- What is the mass of solid produced?
- What are the concentrations of the ions left in solution after the reaction is complete?