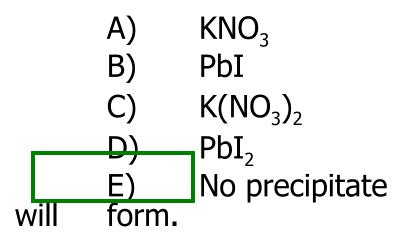
Clicker Question

When lead(II) nitrate and potassium iodide are mixed, what precipitate will form?



Solubility Rules

- 1. Most nitrate salts are soluble.
- 2. Most salts of sodium, potassium, and ammonium cations are soluble.
- Most chloride and iodide salts are soluble. Exceptions: Ag⁺ and Pb²⁺.
- Most sulfate salts are soluble. Exceptions: Ca²⁺, Ba²⁺, and Pb²⁺.
- 5. Most hydroxide salts are only slightly soluble. Soluble ones are: Na+, K+, and Ca²⁺.
- 6. Most sulfide, carbonate, and phosphate salts are only slightly soluble.