

# Download Solubility Product Worksheet Answers

Solubility Product Worksheet - Answers 1) What is the concentration of a saturated silver (I) acetate solution?  $K_{sp}(\text{AgC}_2\text{H}_3\text{O}_2) = 1.94 \times 10^{-3}$ . Since  $K_{sp} = [\text{Ag}^+][\text{C}_2\text{H}_3\text{O}_2^-]$ , and the concentration of silver ions is the same as the concentration of acetate ions, we can set up the following equation:  $1.94 \times 10^{-3} = x^2$   $x = 0.0440 \text{ M}$

2) What is the concentration of a saturated lead chloride ...SCH4U1 Name: EA02 Date: Solubility Product,  $K_{sp}$  - Worksheet 2 - ANSWERS 1. Calculate the solubility (in mol/L) for each of the following compounds:  $K_{sp}$  and Molar Solubility Problems Worksheet 1. Use the chemical  $\text{AgCl}$  to describe solubility, molar solubility and solubility product Do precipitation reactions reach a measurable equilibrium? Yes they do. What is a solubility product? The solubility product,  $K_{sp}$ , is a measure of this equilibrium.