



# Interpreting Solubility Curve



1. Define solubility. \_\_\_\_\_
2. Using the solubility curve below, answer the given questions.



- I. What is the solvent in this solubility curve? \_\_\_\_\_
- II. Saturation points are given per how much of the solvent? \_\_\_\_\_
- III. What is the saturation point of  $\text{NaNO}_3$  at  $10^\circ\text{C}$ ,  $40^\circ\text{C}$ , &  $80^\circ\text{C}$ ?  
 $10^\circ\text{C}$  = \_\_\_\_\_  $40^\circ\text{C}$  = \_\_\_\_\_  $80^\circ\text{C}$  = \_\_\_\_\_
- IV. How much  $\text{NH}_3$  can you dissolve in water at  $10^\circ\text{C}$ ,  $30^\circ\text{C}$ , &  $90^\circ\text{C}$ ?  
 $10^\circ\text{C}$  = \_\_\_\_\_  $30^\circ\text{C}$  = \_\_\_\_\_  $90^\circ\text{C}$  = \_\_\_\_\_
- V. Which salt is the least soluble in water? \_\_\_\_\_
- VI. How many grams of potassium chloride can be dissolved in 200 g of water at  $80^\circ\text{C}$ ? \_\_\_\_\_
- VII. At  $40^\circ\text{C}$ , how much potassium nitrate will be dissolved in 300 g of water? \_\_\_\_\_
- VIII. Which salt shows the least change in solubility from  $0^\circ$  to  $100^\circ\text{C}$ ? \_\_\_\_\_
- IX. Which substance shows a decrease in solubility from  $0^\circ$  to  $100^\circ\text{C}$ ? \_\_\_\_\_
- X. At  $30^\circ\text{C}$ , 90 g of sodium nitrate is dissolved in 100 g water. Is this solution saturated, unsaturated, or supersaturated? \_\_\_\_\_

# Solubility Vs Temperature Graphing Interpolating Worksheet Answers

**Joacim Rocklöv**



## **Solubility Vs Temperature Graphing Interpolating Worksheet Answers:**

## Unveiling the Magic of Words: A Review of "**Solubility Vs Temperature Graphing Interpolating Worksheet Answers**"

In a global defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their ability to kindle emotions, provoke contemplation, and ignite transformative change is truly awe-inspiring. Enter the realm of "**Solubility Vs Temperature Graphing Interpolating Worksheet Answers**," a mesmerizing literary masterpiece penned by way of a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve in to the book is central themes, examine its distinctive writing style, and assess its profound affect the souls of its readers.

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