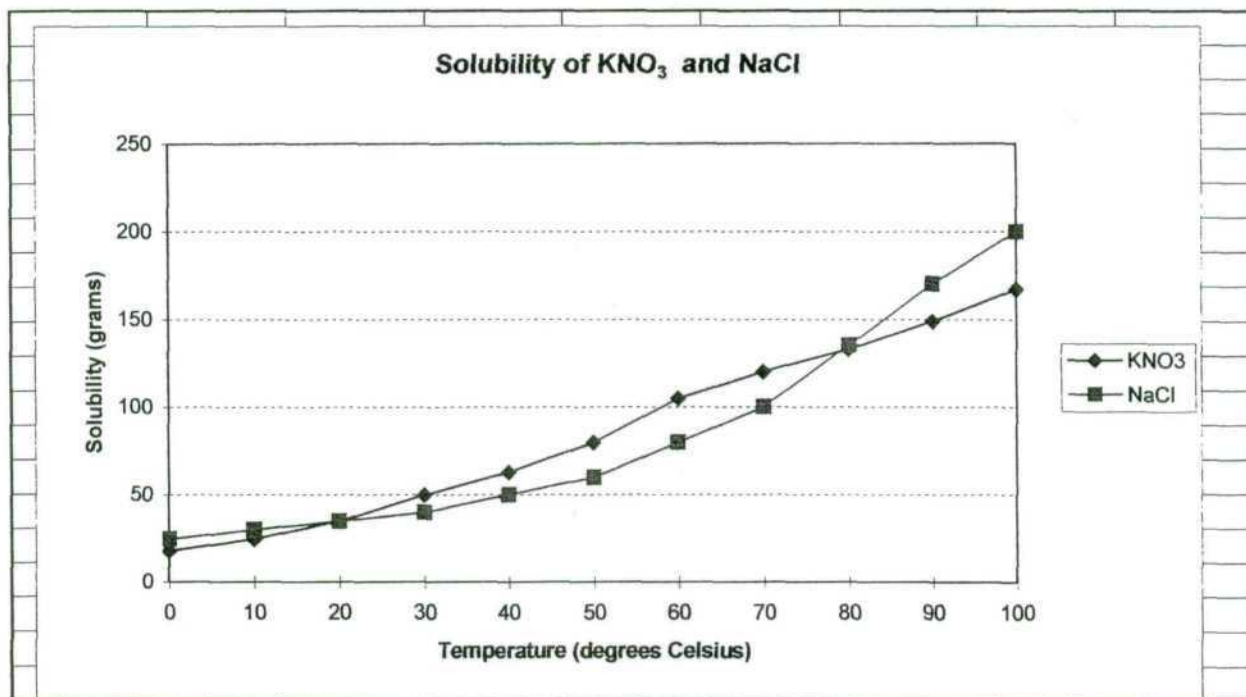


**Physical Science
Mixtures
Worksheet 1: Solubility Curves of KNO₃ and NaCl**



1. Is there more KNO₃ or NaCl dissolved at 5 ° C?
2. Is there more KNO₃ or NaCl dissolved at 55 ° C?
3. How many grams of NaCl are dissolved at 40 °C?
4. How many grams of NaCl are dissolved at 90 °C?
5. At what temperature could you dissolve 70 g of KNO₃ ?
6. At what temperature could you dissolve 70 g of NaCl?
7. What happens to the solubility of both NaCl and KNO₃ as the temperature increases?
8. To make an UNSATURATED solution, what's the most NaCl you could put in at 10 °C?
9. To make an UNSATURATED solution, what's the most NaCl you could put in at 40 °C?
10. To make a SATURATED solution, what's the least KNO₃ you could put in at 70 °C?