

SOLUBILITY CURVES

USE THE SOLUBILITY CURVE FOR #1-6

1. WHAT MASS OF SODIUM NITRATE WILL DISSOLVE IN 100 GRAMS OF WATER AT 20 °C?

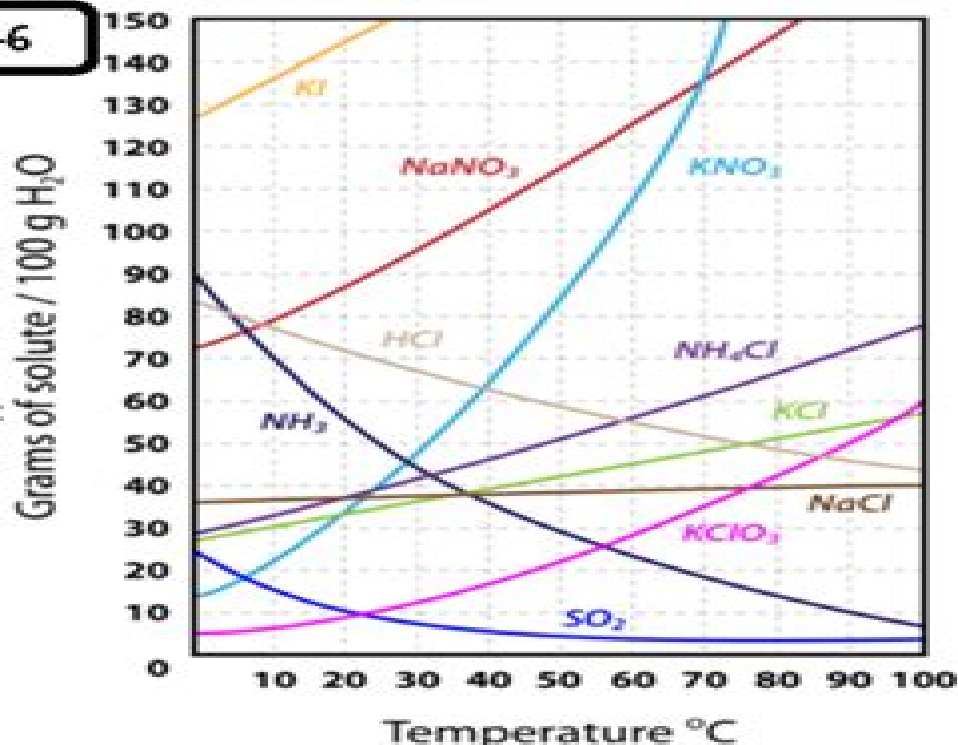
2. DETERMINE THE TEMPERATURE AT WHICH 110 GRAMS OF POTASSIUM NITRATE DISSOLVE IN 100 GRAMS OF WATER.

3. HOW MUCH AMMONIUM CHLORIDE WILL DISSOLVE IN 100 GRAMS OF WATER AT 50 °C?

4. AT WHAT TEMPERATURE WILL 40 GRAMS OF SODIUM CHLORIDE DISSOLVE IN 100 GRAMS OF WATER?

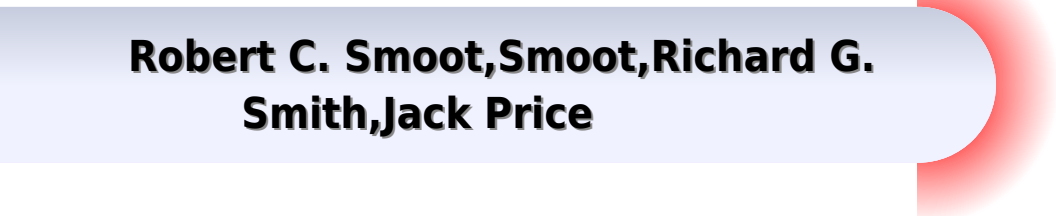
5. DETERMINE THE MASS OF POTASSIUM IODIDE THAT WILL DISSOLVE IN 100 GRAMS OF WATER AT 10 °C.

6. DETERMINE THE TEMPERATURE AT WHICH 10 GRAMS OF SULFUR DIOXIDE WILL DISSOLVE IN 100 GRAMS OF WATER.



Solubility Curves Practice Problemsworksheet 2

**Robert C. Smoot, Smoot, Richard G.
Smith, Jack Price**



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