

How to read a solubility curve

1. How much KCl would be able to dissolve in 100 g of water at 50°C?
2. At 40°C, exactly 64 g of an unknown salt dissolved in 100 g of water. What is the likely identity of the unknown?
3. At what temperature could you fully dissolve 80 g of NaCl in 200 g of water?
4. At 60°C, 30 g of KClO_3 are dissolved in 100 g of water. Is the solution undersaturated, saturated or supersaturated?

