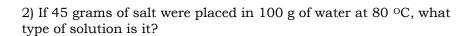
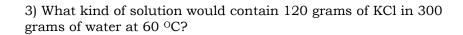
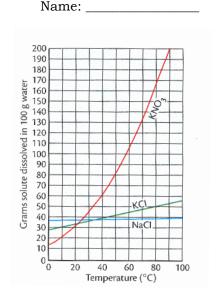
Solubility Graphs

Answer the following questions based on the graph below:

1) What kind of solution would be present if 60 grams of KNO₃ were dissolved in 100 g of water at 40 °C?







- 4) How many grams of NaCl can dissolve in 100 g of water at 20 °C?
- 5) Estimate how much KCl could be dissolved in 300 g of water at 60 $^{\rm o}$ C to make a saturated solution?
- 6) Suppose 80 g of KCl were added to 200 g of water at 45 °C. What type of solution would that be?
- 7) Up to how much NaCl could be dissolved in 25 g of water at 75 °C?
- 8) You have 500 grams of 80 °C water. How much KNO₃ could you dissolve in the solution?