

Solubility Graphs

Name: _____

Answer the following questions based on the graph below:

1) What kind of solution would be present if 60 grams of KNO_3 were dissolved in 100 g of water at 40°C ?

2) If 45 grams of salt were placed in 100 g of water at 80°C , what type of solution is it?

3) What kind of solution would contain 120 grams of KCl in 300 grams of water at 60°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°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 KNO_3 could you dissolve in the solution?

