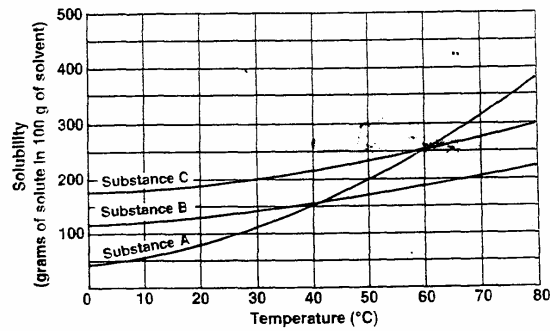


Name _____

Solubility

What is solubility? _____

Carefully look at the graph below.



1. What is being measured on the horizontal axis (x axis)? _____
2. What is being measured on the vertical axis (y axis)? _____
3. How many substances are plotted on the graph? _____
4. How many grams of solvent does each of the substances have? _____
5. Which substance (A, B or C) is the most soluble at 0°C? What is its solubility at that temperature? _____

6. Which substance is the most soluble at 80°C? What is its solubility at that temperature? _____

7. At what temperature is the solubility of substance A the same as that of substance C? What is their solubility at that temperature? _____

8. Make a general statement about the effects of temperature on solubility. _____