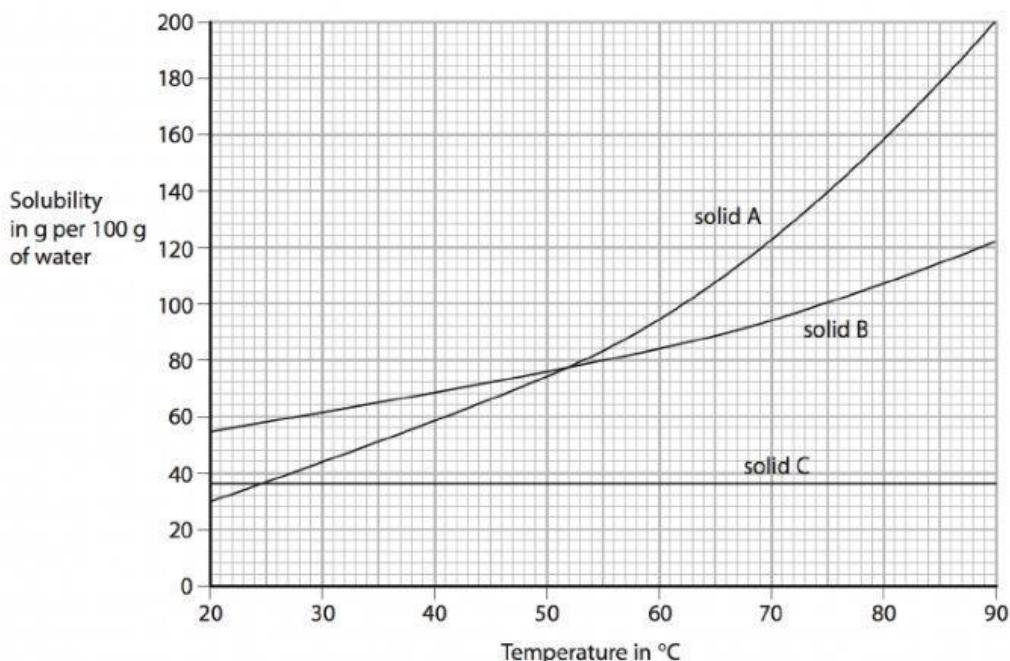


Use the Solubility Curve Graph to Answer the following. It is the same as the one in your notebook.



1. What is the Solubility of Solid A at 40°C?
2. What is the Solubility of Solid B at 30°?
3. What is the Solubility of Solid C at 60°?
4. How much of Solid A will dissolve in 100g of water at 80°C?
5. How much of Solid B will dissolve in 100g of water at 40°C?
6. Which Solid is the LEAST soluble at 60°C?
7. Which Solid is MOST soluble at 60°C?
8. At what temperature is the solubility of Solid A and Solid B the same?
9. Saturated - Unsaturated - Supersaturated: Solution that contains 70g of Solid B at 30° C?
10. Saturated - Unsaturated - Supersaturated: Solution that contains 110g of Solid A at 70° C?
11. How does temperature affect the solubility of solutions?
  - a. As temperature increases, solubility decrease
  - b. As temperature increases, solubility increases
  - c. As temperature decreases, solubility increases