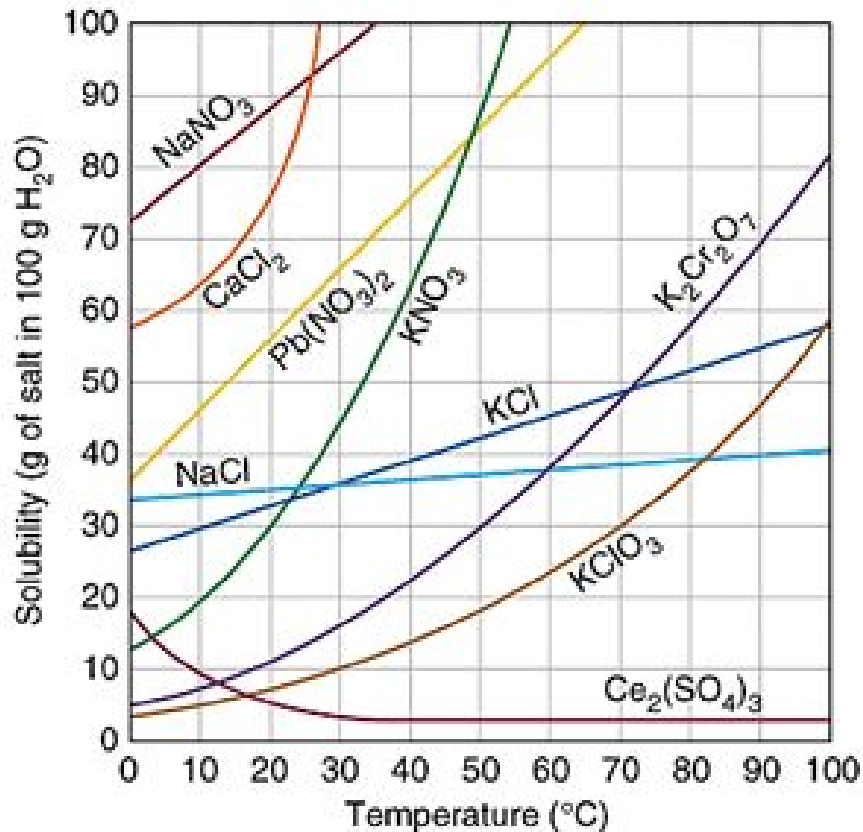


# Solubility Warm-Up

## Solubility Curves Graph:



- If you place **90 grams** of **Potassium nitrate** in a solution of **100 mL** of water, what **temperature** must it be to maintain **equilibrium** at the saturation point? \_\_\_\_\_
- Is it possible to have an **unsaturated** solution of **NaCl** at **room temperature** if you place **40 grams** of solute into **100 mL**? Why or why not?

## Dynamic Equilibrium:

Water

Solute



- What are two methods in which a **supersaturated solution** can **regain equilibrium** at the saturation point?