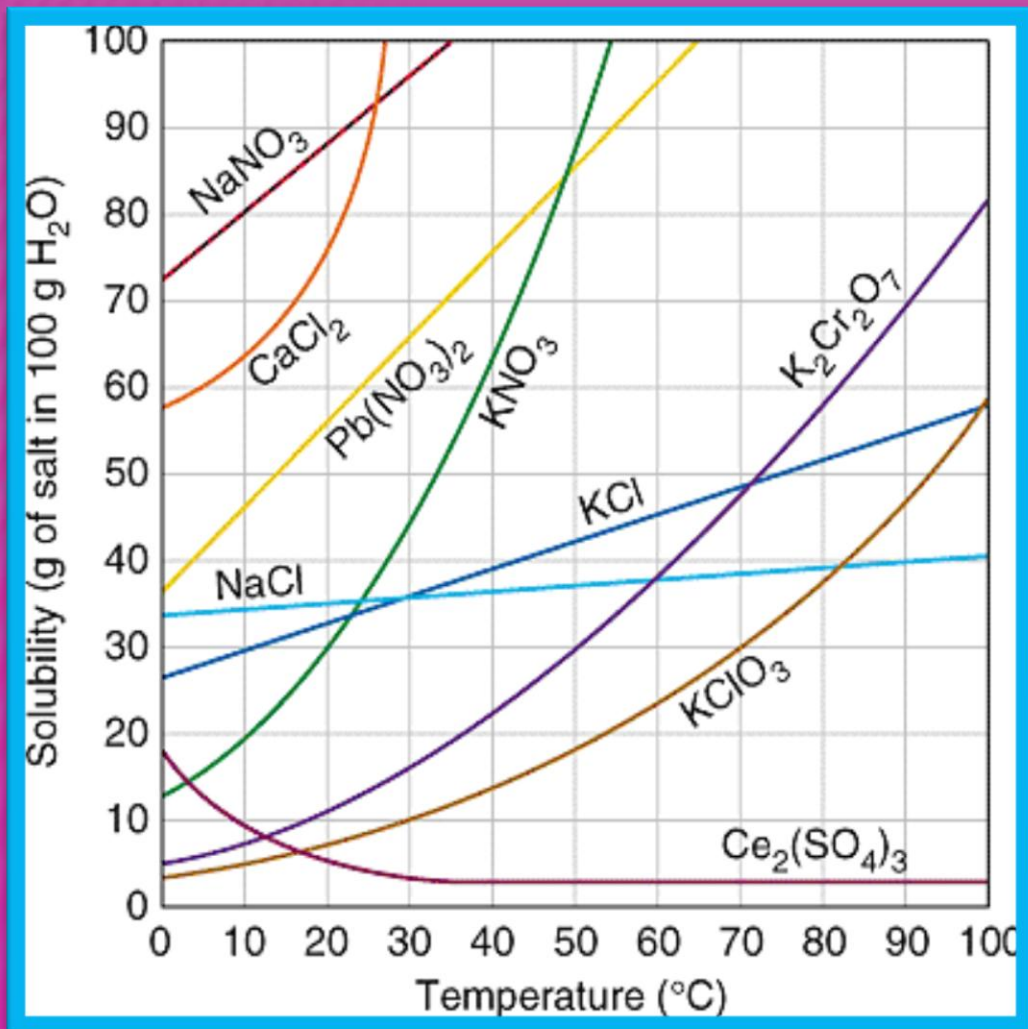


# WARM UP



Would 50 grams of  $\text{Pb}(\text{NO}_3)_2$  produce a saturated, unsaturated or supersaturated solution at  $30^\circ\text{C}$ ?

How many additional grams of  $\text{KNO}_3$  are required to keep the solution saturated during the temperature change of  $10^\circ\text{C}$  to  $50^\circ\text{C}$ ?