Molarity Practice

1. I need to make 0.75 liters of 0.4 M Na₃PO₄ solution. How much sodium phosphate do I need to mass out?

2. I have 25 grams of KNO₃ dissolved in 100 g of water. What is the molarity? (1 g water = 1 mL water)

3.a.Draw a model of a saturated solution of KNO₃.

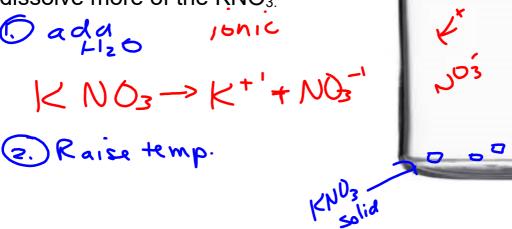
b. Describe what you can do to dissolve more of the KNO_{3.}



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 - b. Describe what you can do to dissolve more of the KNO_{3.}



200 mL of 0.2 M ammonium nitrate and 200 mL of 0.2 M potassium phosphate are mixed. There is no reaction.

Draw each solution in a beaker before mixing.

Draw the final solution.

Determine the Molarity of the potassium ion.



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