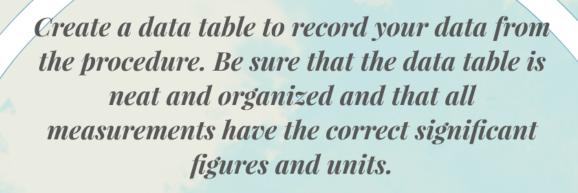




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The Full Yield



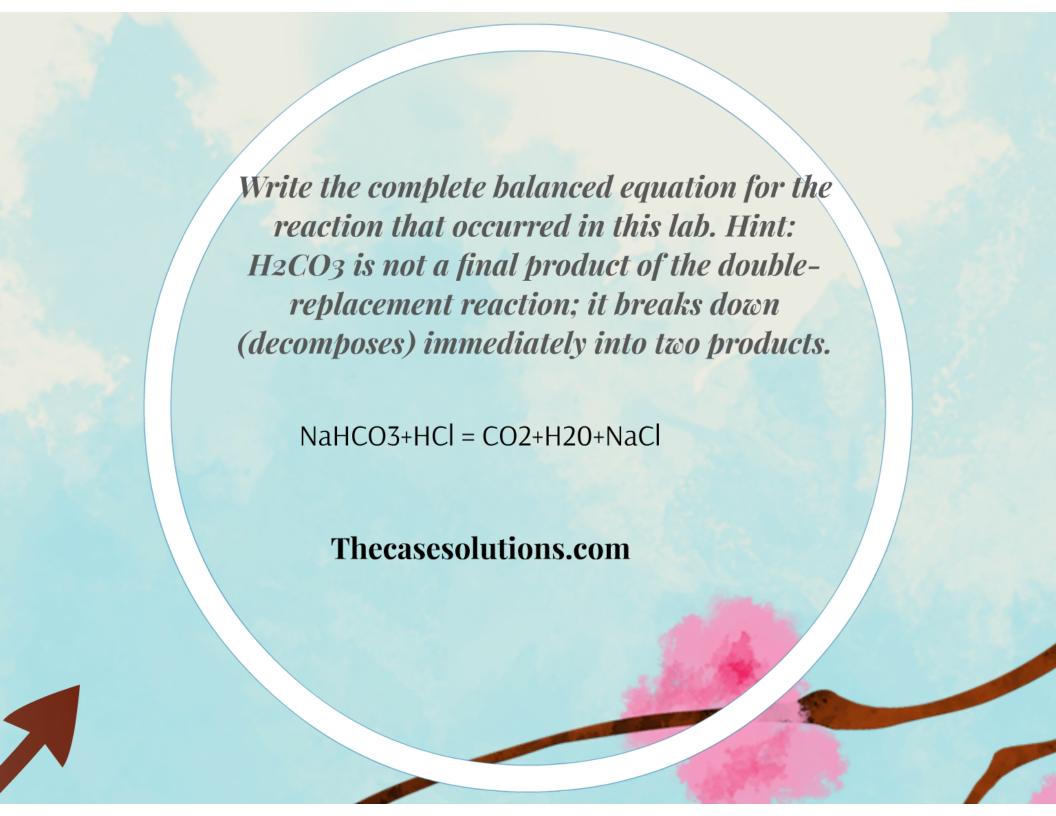
Evaporating dish: 24.35g

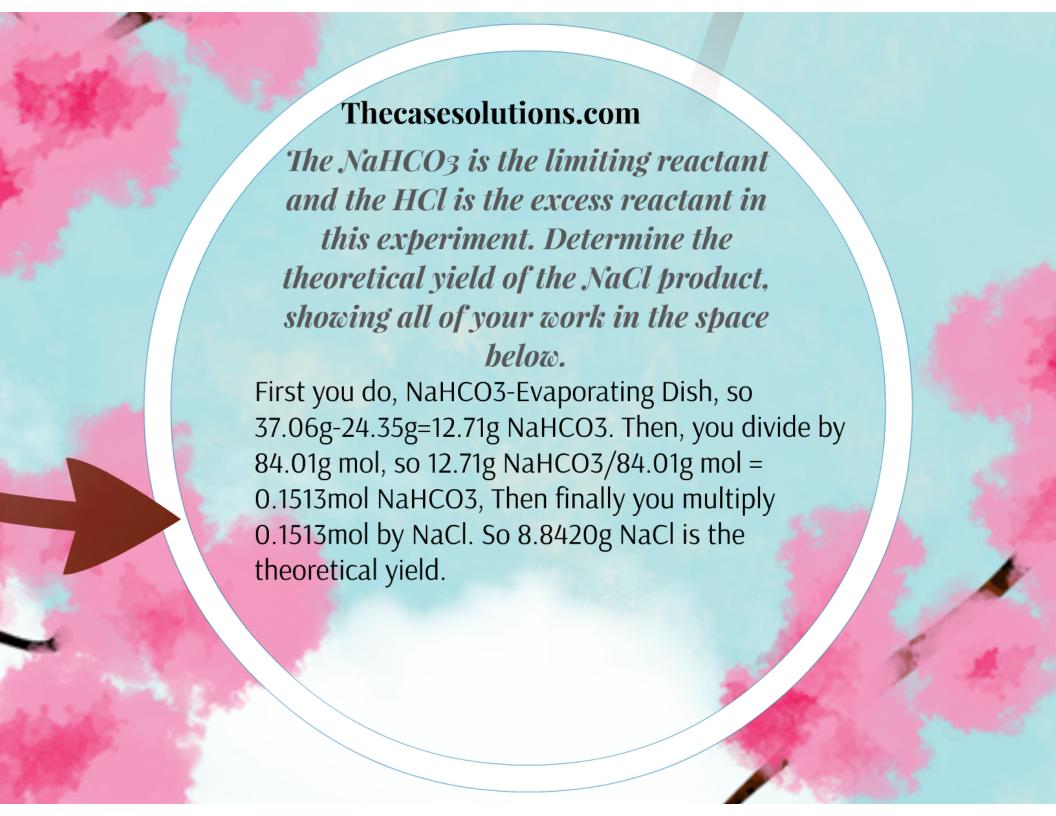
Evaporating dish and NaHCO3: 37.06g

Evaporating dish and NaHCO3 and HCl: 40.06g

Evaporating dish and salt: 31.52g

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Determine the percent yield of NaCl in your experiment, showing all work neatly in the space below.

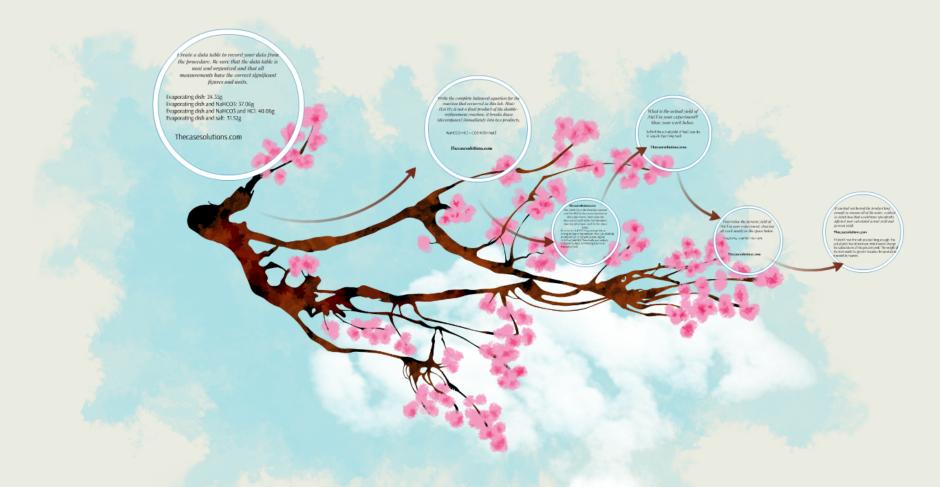
 $7.14g/8.420g = 0.847981 \times 100 = 84\%$

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If you had not heated the product long enough to remove all of the water, explain in detail how that would have specifically affected your calculated actual yield and percent yield.

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If I didn't heat the salt product long enough, the actual yield would increase, which would change the calculations of the percent yield. The weight of the dish would be greater because the product in it would be heavier.



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