

Honors Chem End of Year Lab Practical Exam

Name _____

Partner Name _____

Your mission.... Isolate _____ grams of common table salt using two ingredients selected from the list of available chemicals written on the board.

The rules: 1. Every time you bring your work to me, you lose a point if it needs correcting. (you will be given a hint each time)

2. You MUST show me your final product ON THE BALANCE, so your mass can be verified.

Step 1 - 10 points - Select your two ingredients and write out the balanced chemical equation for them.
_____/10

Step 2 - 20 points - determine the amount of each reactant you will need to produce the desired amount of salt.
_____/20

Step 3 - 10 points - determine how you will isolate your desired product from your waste product ____/10

Step 4 - 10 points - Make USABLE instructions for the isolation of your table salt. Include SAFETY guidelines
_____/10

Step 5 - 20 points - Carry out your designed lab with NO SAFETY VIOLATIONS - every violation is a 2 point deduction, any assistance from the instructor is a 1 point deduction

_____/20

Step 6 - 10 points- Verify your product mass with the instructor BEFORE cleaning up _____ / 10

Step 7 - 20 points - Calculate your percent error and your percent yield. (each score will be out of 10)

Percent error _____ / 10

Percent yield _____ / 10

Total score _____/100