Advanced Chemistry
Lab: Day at the Beach

Mission: Your mission, if you choose to accept, is to separate a known quantity of salt from a sand salt mixture. There is no one right way to achieve your goal, however some procedures may be more efficient then others. Given that your grade is based on efficiency….I would choose wisely.

Materials you may use: Beakers (various sizes)
Funnels
Filter paper
Hot plate
Stirring rod
Drying oven
Water (salt free)

Procedure: I Know Nothing!!!!!
Data: Please use the space provided to record any information that sall be used in your calculations. When appropriate please use tables.

Calculation: Please give your answer in % salt
% means parts of 100
% = (part/total) x 100
% salt = (mass of salt / mass of mixture) x 100
% sand = (mass of sand / mass of mixture) x 100

Relative % error = Accepted value - Experimental value /Accepted value X 100

Relative % error=