

Name: _____

Section: _____

Report Form – Fermentation–Distillation

Preparation of the solution

Mass, sucrose + container	
Mass, container	
Mass, sucrose*	

Simple Distillation

Temperature Range	°C to °C
Volume of Distillate Collected	

Density and Percent Alcohol of the Distillate

	Your Trial 1	Your Trial 2 (if necessary)
Volume of pipet		
Mass of vial, cap, (or beaker) and distillate		
Mass of vial and cap (or beaker)		
Mass of distillate*		
Density*		
Partner's Density		
Average Density (yours and your partner)*		
Percent alcohol*		

Show the calculations for each of the entries in the Data Table marked with * on the calculations page.

Calculations

Show the calculations for each of the entries in the Data Table marked with * below.

Yield

Theoretical yield:
Calculations:
Actual yield:
Calculations:
Percent Yield:
Calculations: