

Changing Densities Worksheet

A. Grape Races

Calculate the change in salinity when you add 2.5 g of salt to 250 ml of water. Record each change in salinity on the table below.

	Salinity	Grape Race Time
(freshwater)	ppt	
	ppt	
	Ppt	
(normal seawater)	ppt	
	Ppt	
	Ppt	
	ppt	

B. Egg Suspension

Record your methods for floating your eggs. If your procedure worked, write down the reasons why. If it didn't, speculate as to why it didn't work.

C. Grapefruit Floating

What tank does the grapefruit float in? What can you say about the density of the grapefruit compared to the grape or the egg?