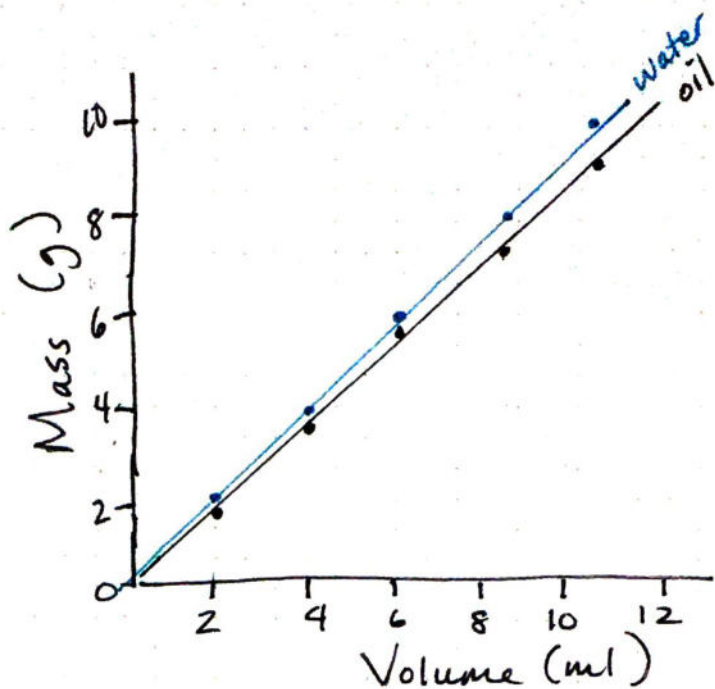


Density of Vegetable Oil

(ml) Volume	(g) Mass
0	0
2.0	1.93
4.0	3.80
6.0	5.67
8.0	7.34
10.0	9.30



System: Vege oil

Slope: 0.93 g/ml

y-intercept: $(0,0)$

equation: $\text{Mass} = (0.93 \text{ g/ml})(\text{Volume})$

Graph shows slope of oil (density) is less than slope of water.

"Less Dense" means oil will float on water

