

College Prep Chemistry of the Earth System

Assignment 1I

20 Points

Complete the following problems showing all work. No Work = No Credit!

Solve the following density problems

1. $D = 4.28\text{g/mL}$, $m = 8.24\text{g}$, $v = \underline{\hspace{1cm}}\text{mL}$
2. $D = 0.38\text{g/mL}$, $m = 0.93\text{g}$, $v = \underline{\hspace{1cm}}\text{mL}$
3. $D = 0.900\text{g/mL}$, $m = 5.39\text{g}$, $v = \underline{\hspace{1cm}}\text{mL}$
4. $D = 1.3\text{g/mL}$, $v = 48.5\text{mL}$, $m = \underline{\hspace{1cm}}\text{g}$
5. $D = 8.48\text{g/mL}$, $v = 138.5\text{mL}$, $m = \underline{\hspace{1cm}}\text{g}$
6. $D = 4.29\text{g/mL}$, $v = 39.4\text{mL}$, $m = \underline{\hspace{1cm}}\text{g}$