

Science Notebook Layout **DON'T COPY UNDERLINED TEXT**

Mrs. Aguirre's Webpage: <http://www.quia.com/profiles/caguirre>

Solute and Solvent 1/9/13

PAGE 181 in CPO	What I saw (in figure 9.2) or read (in the paragraph)	Meaning for dissolving candy in your mouth	A question I have
Fig 9.2			
Dissolving			
Molecular explanation			
WHY solute are powders			

Parts Per Million 1/10/13

Definitions: (copy these down- use 2 lines for each)

Solution: A mixture that is so well mixed the particles (solute) are evenly distributed, or dissolved into the liquid (solvent).

Concentration: The amount of substance found in a given amount of a solution or mixture. Often written in "parts per..." (parts per hundred, parts per million, etc)

Dilute: To add solvent (water) and make less

DATA: For "Color," color with red pencil or write clear if no color

Cup	Color	Percent (%) Concentration	Parts per million
1	○		
2	○	multiply above percent by: x 0.1 =	
3	○	x 0.1 =	
4	○	x 0.1 =	
5	○	x 0.1 =	
6	○	x 0.1 =	
7	○	x 0.1 =	
8	○	x 0.1 =	
9	○	x 0.1 =	

1. You can tell the _____ from how dark the color is.
2. If you add more solvent (water) the concentration becomes _____ or _____.
3. The solvent was _____. The solute was _____. Together they made a _____.
4. When you add more water you are _____ing the solution