Names: **Honors Chemistry**

Section: Pairs Check/Share: Molality problems

Directions:

1. Put both names on the paper.
2. The older partner does the even problems. The younger partner does the odd problems. Take turns answering the questions. As you work, explain how you are doing the problem while your partner listens.
3. After each problem, discuss the answer with your partner. If both partners agree on the answer, the solver initials the answer. If an agreement can’t be reached, both partners raise their hands to get the teacher’s attention.
4. When all the questions have been answered, compare your answers with those of another group. If both pairs agree on the answers, circle the final answers.
5. Complete the self-assessment and sign both papers.

Write the molality formula here:

Complete the following problems.

1. How many grams of NaCl should be added to 856 g of water to prepare a .42m solution?
2. What is the molality of a solution containing 1.78 g CCl4 in 86.2 g benzene?
3. What is the molality of a solution containing 41 g of NaOH in 967 g of water?
4. How much water should be added to 3.34 g of CaCl2 to prepare a .102m solution?

The purpose of this assignment was to: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Did I: | Circle the appropriate response: |
| Explain how I did the problems? | Always Sometimes Rarely |
| Listen while my partner explained? | Always Sometimes Rarely |
| Give my partner positive support? | Always Sometimes Rarely |
| Stay on task during the assignment? | Always Sometimes Rarely |
| Use encouraging and polite words? | Always Sometimes Rarely |
| Record my work on the paper? | Always Sometimes Rarely |
| Demonstrate an understanding of the material? | Yes No |

Signatures:

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Comments: