

Peer Post:

CHEM 120 Week 3 Discussion: Solution Chemistry - Molecule NaCl

Initial Post Instructions

For your initial post pick a combination of one of the following molecules, one mass quantity, and one total solution volume from this table. You may not use the same combination as another student so be sure to read any existing peers postings before posting your own.

| <u>Molecule</u> | <u>Mass</u> | <u>Volume</u> |
|-------------------|-------------|---------------|
| NaCl | 2 g | 150 ml |
| CaBr ₂ | 6 g | 3 L |
| Li ₃ N | 1 g | 500 ml |
| CaO | 7 g | 14 L |

For example, one possible combination would be 2 grams of NaCl in 500 ml of solution. Then, give each of the following for your unique combination being sure to show all of your work:

1. %mass/volume concentration
2. Molarity
3. Osmolarity

Make sure to post at least three high quality posts.

Follow-Up Post Instructions

Respond to at least two peers or one peer and the instructor. Further the dialogue by providing more information and clarification