|  |  |  |
| --- | --- | --- |
| *RATIOS of IONS in a concentration*  CλeMis+ry: http://genest.weebly.com  Stop in for help every day at lunch and Tues &Thurs after school! |  | Name\_\_\_\_\_\_\_\_\_\_\_\_\_  Period\_\_\_\_\_\_\_\_\_\_\_\_\_ |

|  |  |
| --- | --- |
| 1. Draw a particle diagram of each of these ionic substances in solution. Then calculate the molarity of **each** ion present in each of the following solutions.   a. 0.095 M Na2CO3(aq)  particle picture:  calculate the concentration of Na+(aq) in the solution    calculate the concentration of CO3l2-(aq) in the solution  b. 0.7 M Na2CrO4 particle picture:  calculate the concentration of Na+(aq) in the solution    calculate the concentration of CrO42-(aq) in the solution | c. 0.710 Ca(OH)2  particle picture:  calculate the concentration of Ca2+(aq) in the solution    calculate the concentration of OH-(aq) in the solution |