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| *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\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| 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 solutioncalculate the concentration of CO3l2-(aq) in the solutionb. 0.7 M Na2CrO4particle picture:calculate the concentration of Na+(aq) in the solutioncalculate the concentration of CrO42-(aq) in the solution | c. 0.710 Ca(OH)2particle picture:calculate the concentration of Ca2+(aq) in the solutioncalculate the concentration of OH-(aq) in the solution |