**Name:** _____ **Date:** _____

***Chemistry*** *~ Ms. Hart* **Class:** Anions or Cations

8.7 Exit Ticket*

1. When do scientists use ppm and when do they use molarity? _____

_____

2. What is the concentration of O2(g), in parts per million, in a solution that contains 0.008 gram of O2(g) dissolved in 1000. grams of H2O(l)?
   (1) 0.8 ppm
   (2) 8 ppm
   (3) 80 ppm
   (4) 800 ppm

3. Molarity is defined as the
   (1) moles of solute per kilogram of solvent
   (2) moles of solute per liter of solution
   (3) mass of a solution
   (4) volume of a solvent

4. Determine the molarity of 10 mL of a solution with 20 mol of dissolved solute. Be sure to include units!

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