

Directions

First, fill in as many blanks for the descriptive chemistry as you can. The same ion may be found in several clues and those clues taken together may be needed to identify a particular ion. Only 9 different ions, 5 cations and 4 anions, are found throughout the puzzle. If a clue alone does not identify the ion you may find the ion as part of another clue or you may identify it after looking at the Sudoku puzzle. Once you have enough ions in the Sudoku puzzle you are ready to complete it; make sure that the Sudoku answers are consistent with the descriptive chemistry.