Honors Chemistry Hour\_\_\_\_\_ Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Dr. Wexler

Advanced Balancing Problem (20pts)  
Date:

Instructions: Use the algebraic method to balance the following chemical equation. Show all work. Be neat and organized!

\_\_\_Fe3O4+\_\_\_KMnO4+\_\_\_H2SO4🡪\_\_\_Fe2(SO4)3+\_\_\_K2SO4+\_\_\_MnSO4+\_\_\_H2O