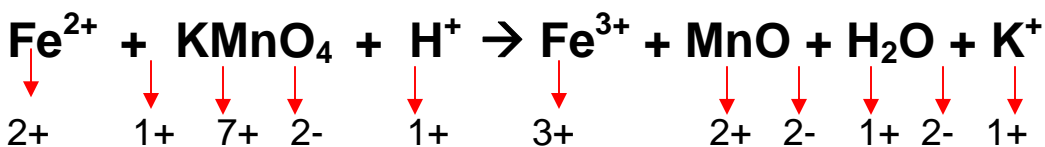


RUBRIC FOR REDOX CALCULATION EXAMPLE CALCULATIONS.

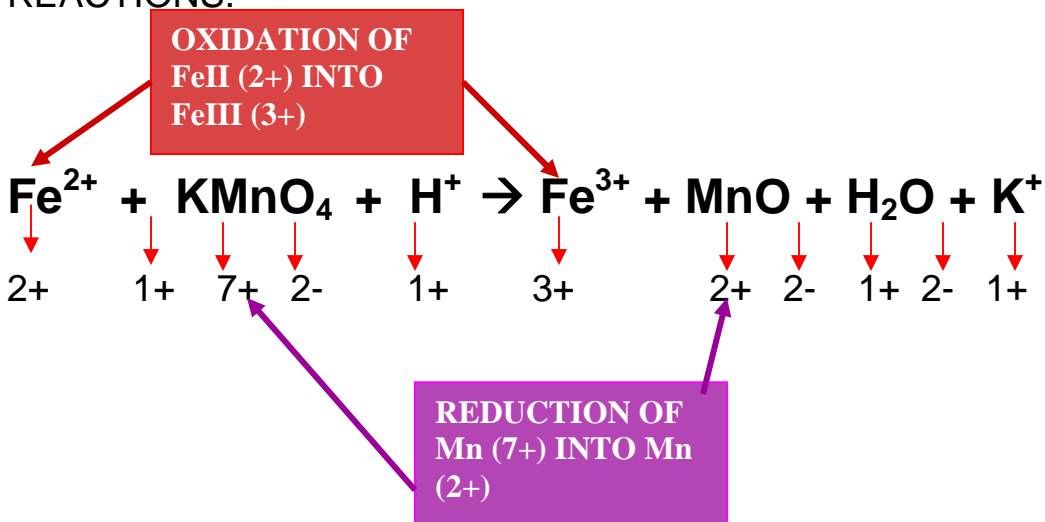
Part 1, balancing the reaction.



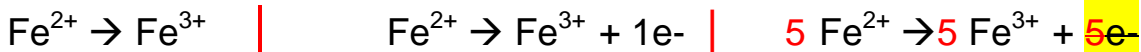
FIRST- Calculate the oxidation state of *EACH* element in each compound.



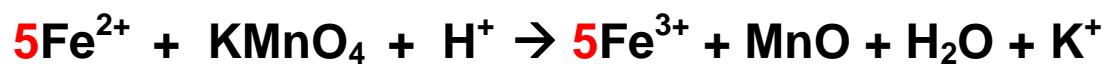
SECOND- IDENTIFY THE OXIDATION AND REDUCTION HALF REACTIONS.



THIRD-BALANCE HALF REACTIONS



FOURTH- ADD ANY COEFFICIENTS YOU USED TO CANCEL ELECTRONS IN THE HALF REACTIONS (the red fives) TO THE NET REACTION. THE REACTION IS NOW BALANCED ELECTRONICALLY – BUT YOU ARE NOT DONE!



FIFTH- BALANCE BY REGULAR INSPECTION METHOD.

