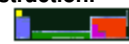


Revised August 2009



Instructions on how to grade AP net ionic equations



1. IGNORING ALL BALANCING COEFFICIENTS, compare the reactants to the reactants in the correct answer. If they match EXACTLY (no extra things, nothing missing, check charges etc.) then award ONE point. Otherwise ZERO points.
2. IGNORING ALL BALANCING COEFFICIENTS, compare the products to the products in the correct answer. If they match EXACTLY (no extra things, nothing missing, check charges etc.) then award TWO points. If at least one product matches one product in the correct answer, then award ONE point. Otherwise, ZERO points.
3. IF YOU HAVE SCORED AT LEAST 1 OUT OF 3 POINTS IN TERMS OF REACTANTS AND PRODUCTS ABOVE, then ask, "does the equation that is written, balance?" (YOU MUST CHECK THAT CHARGES ARE BALANCED AS WELL AS ATOMS). If so, then ONE point. If you have scored 0 OUT OF 3 for reactants and products, then even if the equation balances you still score ZERO points for balancing.
4. ONE point is awarded for a correct answer to the follow-up question.
5. Each equation is scored out of a total of 5, each set out of 15 and each 12AP Worksheet is scored out of a total of 120.