

CH 151 Extra Credit Assignment

One half point per question, up to five points total. Include the final balanced equation on this sheet under the problem. This assignment is due at **8 AM on Monday, July 16**. Late assignments will not be accepted.

The questions:

1. Silver(I) oxide is decomposed into its elements.
 2. Butene (C_4H_8) is burned in air.
 3. Hydrochloric acid and sodium hydroxide react in a beaker.
 4. Sodium and chlorine gas make table salt.
 5. Silver metal reacts with copper(II) nitrate to make a silver(I) compound.
 6. Sulfur (S_8) reacts with oxygen to make sulfur trioxide.
 7. Aluminum metal reacts with sulfuric acid.
 8. Ammonium dichromate reacts to make water, nitrogen and chromium(III) oxide.
 9. Ethanol (C_2H_6O) is allowed to combust in an engine.
 10. Phosphoric acid and barium hydroxide are allowed to react.
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The answers:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.