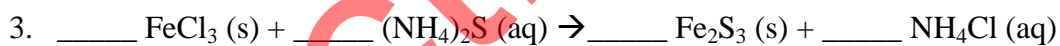
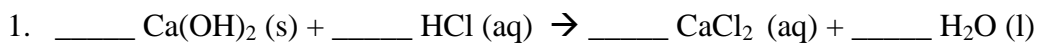


Chemistry CP
Equation Writing/Balancing Quiz

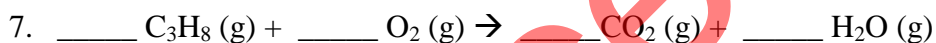
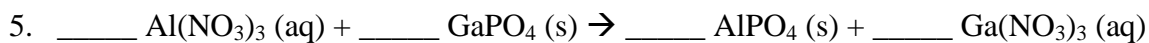
Name: _____

Balance the following equations by placing the smallest whole number coefficient in front of each substance. You do not have to write 1's but you may. 1 point per blank line.



Chemistry CP
Equation Writing/Balancing Quiz

Name: _____



Please write the **BALANCED** chemical equation for the following chemical reactions. You **MUST** include states of matter for all chemicals.

1. (6 pts) Calcium oxide solid will react with the moisture in the air (water vapor) to produce calcium hydroxide solid.

Chemistry CP
Equation Writing/Balancing Quiz

Name: _____

2. (8 pts) If solid iron (III) oxide is reacted with carbon monoxide gas under high temperatures, liquid iron and carbon dioxide gas is produced.
3. (6 pts) If solid ammonium nitrate is heated, dinitrogen monoxide gas and water vapor are produced.
4. (6 pts) The explosive metal sodium will react with the toxic gas chlorine to produce solid sodium chloride which we know as table salt.
5. (8pts) Solid silicon can be produced along with the dangerous gas carbon monoxide, by the reaction of silicon dioxide (sand) and carbon.