NAME: **HONORS CHEMISTRY**

SECTION: Classwork: Balancing SIMPLE Redox Reactions

Balance the following redox reactions using the half-reaction method. Be sure to write out the oxidation and reduction half-reactions!

1. Au + Fe3+ → Fe2+ + Au3+
2. I- + Al3+ → I2+ Al
3. Al3+ + Co → Co2+ + Al
4. Pb + Na+ → Na + Pb2+
5. Zn2+ + Cr → Zn + Cr3+

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1. Sn4+ + Cs → Cs+ + Sn2+
2. Ba + Ag+ → Ag + Ba2+
3. Mg2+ + K → K+ + Mg
4. Fe3+ + Au → Au3+ + Fe2+
5. Br- + La3+ → Br2 + La