Name Date	Period
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C405R Chemistry Balancing Practice 2

Steps to Balancing Chemical Equations

- 1) Determine number of atoms for each element.
- 2) Pick an element that is not equal on both sides of the equation.
- 3) Add a coefficient in front of the formula with that element and adjust your counts.
- 4) Continue adding coefficients to get the same number of atoms of each element on each side.
 - ***To receive full credit, you must show all of your work. ***

1.
$$\underline{\hspace{1cm}}$$
 $K + \underline{\hspace{1cm}}$ $Br_2 \rightarrow \underline{\hspace{1cm}}$ KBr

2. ___Li + ___HF
$$\rightarrow$$
 ___H₂ + ___LiF

3.
$$__GaBr_3 + __PbCl_2 \rightarrow __PbBr_2 + __GaCl_3$$

4.
$$C_7H_{16} + C_2 \rightarrow CO_2 + H_2O$$