

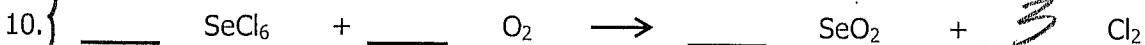
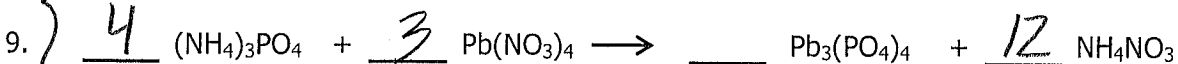
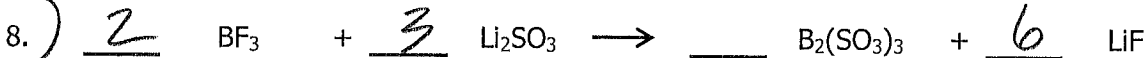
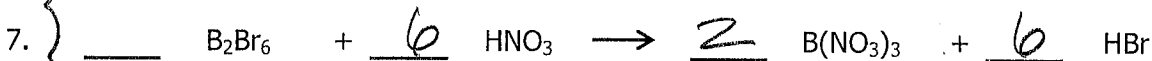
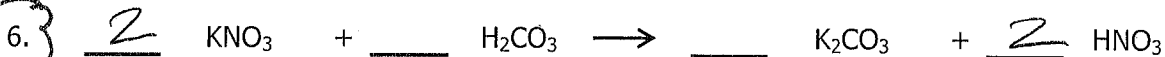
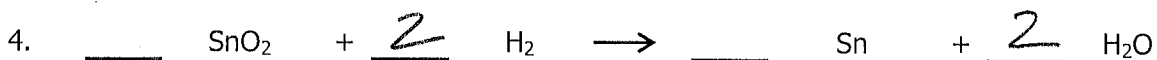
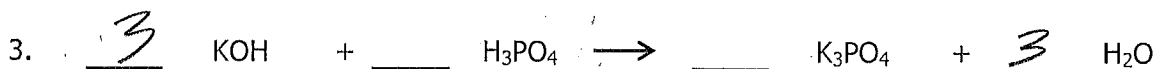
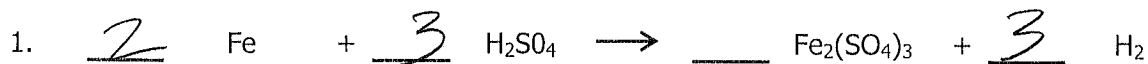
Name: _____

KEY

Date: _____

Balancing Equations

Balance the following chemical equations.



Challenge ... give it a try ...

Balancing Equations Worksheet

- 1) $\underline{\quad}$ Na_3PO_4 + $\underline{3}$ KOH \rightarrow $\underline{3}$ NaOH + $\underline{\quad}$ K_3PO_4
- 2) $\underline{\quad}$ MgF_2 + $\underline{\quad}$ Li_2CO_3 \rightarrow $\underline{\quad}$ MgCO_3 + $\underline{2}$ LiF
- 3) $\underline{\quad}$ P_4 + $\underline{3}$ O_2 \rightarrow $\underline{2}$ P_2O_3
- 4) $\underline{2}$ RbNO_3 + $\underline{\quad}$ BeF_2 \rightarrow $\underline{\quad}$ $\text{Be}(\text{NO}_3)_2$ + $\underline{2}$ RbF
- 5) $\underline{2}$ AgNO_3 + $\underline{\quad}$ Cu \rightarrow $\underline{\quad}$ $\text{Cu}(\text{NO}_3)_2$ + $\underline{2}$ Ag
- 6) $\underline{\quad}$ CF_4 + $\underline{2}$ Br_2 \rightarrow $\underline{\quad}$ CBr_4 + $\underline{2}$ F_2
- 7) $\underline{2}$ HCN + $\underline{\quad}$ CuSO_4 \rightarrow $\underline{\quad}$ H_2SO_4 + $\underline{\quad}$ $\text{Cu}(\text{CN})_2$
- 8) $\underline{\quad}$ GaF_3 + $\underline{3}$ Cs \rightarrow $\underline{3}$ CsF + $\underline{\quad}$ Ga
- 9) $\underline{\quad}$ BaS + $\underline{\quad}$ PtF_2 \rightarrow $\underline{\quad}$ BaF_2 + $\underline{\quad}$ PtS
- 10) $\underline{\quad}$ N_2 + $\underline{3}$ H_2 \rightarrow $\underline{2}$ NH_3
- 11) $\underline{2}$ NaF + $\underline{\quad}$ Br_2 \rightarrow $\underline{2}$ NaBr + $\underline{\quad}$ F_2
- 12) $\underline{\quad}$ $\text{Pb}(\text{OH})_2$ + $\underline{2}$ HCl \rightarrow $\underline{2}$ H_2O + $\underline{\quad}$ PbCl_2
- 13) $\underline{2}$ AlBr_3 + $\underline{3}$ K_2SO_4 \rightarrow $\underline{6}$ KBr + $\underline{\quad}$ $\text{Al}_2(\text{SO}_4)_3$
- 14) $\underline{\quad}$ CH_4 + $\underline{2}$ O_2 \rightarrow $\underline{\quad}$ CO_2 + $\underline{2}$ H_2O
- 15) $\underline{2}$ Na_3PO_4 + $\underline{3}$ CaCl_2 \rightarrow $\underline{6}$ NaCl + $\underline{\quad}$ $\text{Ca}_3(\text{PO}_4)_2$
- 16) $\underline{2}$ K + $\underline{\quad}$ Cl_2 \rightarrow $\underline{2}$ KCl
- 17) $\underline{2}$ Al + $\underline{6}$ HCl \rightarrow $\underline{3}$ H_2 + $\underline{2}$ AlCl_3
- 18) $\underline{\quad}$ N_2 + $\underline{3}$ F_2 \rightarrow $\underline{2}$ NF_3
- 19) $\underline{\quad}$ SO_2 + $\underline{2}$ Li_2Se \rightarrow $\underline{\quad}$ SSe_2 + $\underline{2}$ Li_2O
- 20) $\underline{2}$ NH_3 + $\underline{\quad}$ H_2SO_4 \rightarrow $\underline{\quad}$ $(\text{NH}_4)_2\text{SO}_4$

Keep
trying.
😊