BALANCING
Chemical Equations

Choose and write the correct chemical formulas.

hydrogen	+	oxygen	=	water
_____		_____		_____
nitrogen	+	hydrogen	=	ammonia
_____		_____		_____
magnesium	+	chlorine	=	magnesium chloride
_____		_____		_____
calcium	+	fluorine	=	calcium fluoride
_____		_____		_____

NH_3	F_2
Mg	H_2O
O_2	N_2
H_2	CaF_2
Cl_2	Ca
$MgCl_2$	H_2

Write numbers in the boxes to balance the equations below.

Unbalanced Equations	Balanced Equations
$H_2 + O_2 \rightarrow H_2O$	☐ H_2 + ☐ O_2 → ☐ H_2O
$N_2 + H_2 \rightarrow NH_3$	☐ N_2 + ☐ H_2 → ☐ NH_3
$Cu + O_2 \rightarrow CuO$	☐ Cu + ☐ O_2 → ☐ CuO
$P_4 + O_2 \rightarrow P_2O_5$	☐ P_4 + ☐ O_2 → ☐ P_2O_5
$Na + S \rightarrow Na_2S$	☐ Na + ☐ S → ☐ Na_2S
$Al + I_2 \rightarrow AlI_3$	☐ Al + ☐ I_2 → ☐ AlI_3
$Ag + N_2 \rightarrow Ag_3N$	☐ Ag + ☐ N_2 → ☐ Ag_3N

LIVEWORKSHEETS