PRACTICE PROBLEMS

_____ ZnS (aq) + _____ O_2 (g) → _____ ZnO (aq) + _____ S (s)

	Before	After		Before	After
Zn =			Zn =		
S =			S =		
O=			O=		

_____ Cu + _____ $AgNO_3$ → _____ Ag + _____ $Cu(NO_3)_2$

	Before	After		Before	After
Cu =			Cu =		
Ag =			Ag =		
N=			N=		
O=			O=		

_____ H_3PO_4 + _____ NaOH → _____ Na_3PO_4 + _____ H_2O

	Before	After		Before	After
P =			P =		
Na =			Na =		
O=			O=		
H=			H=		

_____ $Ca_3(PO_4)_2$ + _____ H_2SO_4 → _____ $CaSO_4$ + _____ H_3PO_4

	Before	After		Before	After
Ca =			Ca =		
P =			P =		
S=			S=		
O=			O=		
H=			H=		

TRY IT ON YOUR OWN…

_____ H_2O + _____ CH_4 → _____ H_2 + _____ CO_2

	Before	After		Before	After
C =			C =		
O =			O=		
H=			H=		

_____ Cl_2 + _____ NaBr → _____ NaCl + _____ Br_2

	Before	After		Before	After
Cl =			Cl =		
Na =			Na=		
Br=			Br=		

PRACTICE PROBLEMS

_____ ZnS (aq) + _____ O_2 (g) → _____ ZnO (aq) + _____ S (s)

	Before	After		Before	After
Zn =			Zn =		
S =			S =		
O=			O=		

_____ Cu + _____ $AgNO_3$ → _____ Ag + _____ $Cu(NO_3)_2$

	Before	After		Before	After
Cu =			Cu =		
Ag =			Ag =		
N=			N=		
O=			O=		

_____ H_3PO_4 + _____ NaOH → _____ Na_3PO_4 + _____ H_2O

	Before	After		Before	After
P =			P =		
Na =			Na =		
O=			O=		
H=			H=		

_____ $Ca_3(PO_4)_2$ + _____ H_2SO_4 → _____ $CaSO_4$ + _____ H_3PO_4

	Before	After		Before	After
Ca =			Ca =		
P =			P =		
S=			S=		
O=			O=		
H=			H=		

TRY IT ON YOUR OWN…

_____ H_2O + _____ CH_4 → _____ H_2 + _____ CO_2

	Before	After		Before	After
C =			C =		
O =			O=		
H=			H=		

_____ Cl_2 + _____ NaBr → _____ NaCl + _____ Br_2

	Before	After		Before	After
Cl =			Cl =		
Na =			Na=		
Br=			Br=		