Balancing chemical equations

Chemical equation	Reactant atoms	Product atoms
HCl(aq) + Mg(s) → MgCl$_2$(aq) + H$_2$(g)	Cl = 1 Mg = 1 H = 1	Cl = 2 Mg = 1 H = 2
Balanced equation *2HCl(aq) + Mg(s) → MgCl$_2$(aq) + H$_2$(g)*	Cl = 2 Mg = 1 H = 2	Cl = 2 Mg = 1 H = 2
Na$_2$CO$_3$(s) + HCl(aq) → NaCl(aq) + CO$_2$(g) + H$_2$O(l)	*Cl = 1* *Na = 2* *H = 1* *O = 3* *C = 1*	*Cl = 1* *Na = 1* *H = 2* *O = 3* *C = 1*
Balanced equation *Na$_2$CO$_3$(s) + 2HCl(aq) → 2NaCl(aq) + CO$_2$(g) + H$_2$O(l)*	*Cl = 2* *Na = 2* *H = 2* *O = 3* *C = 1*	*Cl = 2* *Na = 2* *H = 2* *O = 3* *C = 1*
C$_3$H$_8$(g) + O$_2$(g) → CO$_2$(g) + H$_2$O(l)	*H = 8* *O = 2* *C = 3*	*H = 2* *O = 3* *C = 1*
Balanced equation *C$_3$H$_8$(g) + 5O$_2$(g) → 3CO$_2$(g) + 4H$_2$O(l)*	*H = 8* *O = 10* *C = 3*	*H = 8* *O = 10* *C = 3*
C$_2$H$_6$(g) + O$_2$(g) → CO$_2$(g) + H$_2$O(l)	*H = 6* *O = 2* *C = 2*	*H = 2* *O = 3* *C = 1*
Balanced equation *2C$_2$H$_6$(g) + 7O$_2$(g) → 4CO$_2$(g) + 6H$_2$O(l)*	*H = 12* *O = 14* *C = 4*	*H = 12* *O = 14* *C = 4*
N$_2$(g) + H$_2$(g) → NH$_3$(g)	*N = 2* *H = 2*	*N = 1* *H = 3*
Balanced equation *N$_2$(g) + 3H$_2$(g) → 2NH$_3$(g)*	*N = 2* *H = 6*	*N = 2* *H = 6*
H$_2$SO$_4$aq) + Al$_2$O$_3$(aq) → Al$_2$(SO$_4$)$_3$(aq) + H$_2$O(l)	*H = 2* *O = 7* *S = 1* *Al = 2*	*H = 2* *O = 13* *S = 3* *Al = 2*
Balanced equation *3H$_2$SO$_4$aq) + Al$_2$O$_3$(aq) → Al$_2$(SO$_4$)$_3$(aq) + 3H$_2$O(l)*	*H = 6* *O = 15* *S = 3* *Al = 2*	*H = 6* *O = 15* *S = 3* *Al = 2*
Ag(s) + H$_2$S(g) + O$_2$(g) → Ag$_2$S(s) + H$_2$O(l)	*Ag = 1* *H = 2* *S = 1* *O = 2*	*Ag = 2* *H = 2* *S = 1* *O = 1*
Balanced equation *4Ag(s) + 2H$_2$S(g) + O$_2$(g) → 2Ag$_2$S(s) + 2H$_2$O(l)*	*Ag = 4* *H = 4* *S = 2* *O = 2*	*Ag = 4* *H = 4* *S = 2* *O = 2*