



▲ CO2 + * -> CO2*	▼ CO2 + * <- CO2*
◆ H2 + 2 * -> 2 H*	▣ H2 + 2 * <- 2 H*
⬠ H2O + * -> H2O*	⬡ H2O + * <- H2O*
⬢ CO2* + * -> CO* + O*	⬣ CO2* + * <- CO* + O*
⬤ CO2* + H* -> HCOO* + *	⬥ CO2* + H* <- HCOO* + *
⬦ CO2* + H* -> COOH* + *	⬧ CO2* + H* <- COOH* + *
⬨ CO2* + OH* -> COOH* + O*	⬩ CO2* + OH* <- COOH* + O*
⬪ CO2* + H2O* -> COOH* + OH*	⬫ CO2* + H2O* <- COOH* + OH*
⬬ CO2* + OH* -> HCOO* + O*	⬭ CO2* + OH* <- HCOO* + O*
⬮ CO2* + H2O* -> HCOO* + OH*	⬯ CO2* + H2O* <- HCOO* + OH*
⬰ COOH* + * -> CO* + OH*	⬱ COOH* + * <- CO* + OH*
⬲ COOH* + * -> COH* + O*	⬳ COOH* + * <- COH* + O*
⬴ HCOO* + * -> O* + HCO*	⬵ HCOO* + * <- O* + HCO*
⬶ CO* + * -> C* + O*	⬷ CO* + * <- C* + O*
⬸ HCO* + * -> CO* + H*	⬹ HCO* + * <- CO* + H*
⬺ HCO* + * -> CH* + O*	⬻ HCO* + * <- CH* + O*
⬼ COH* + * -> CO* + H*	⬽ COH* + * <- CO* + H*
⬿ COH* + * -> C* + OH*	⬿ COH* + * <- C* + OH*
⬿ C* + H* -> CH* + *	⬿ C* + H* <- CH* + *
⬿ CH* + H* -> CH2* + *	⬿ CH* + H* <- CH2* + *
⬿ CH2* + H* -> CH3* + *	⬿ CH2* + H* <- CH3* + *
⬿ HCO* + H* -> CH2O* + *	⬿ HCO* + H* <- CH2O* + *
⬿ HCO* + H* -> HCOH* + *	⬿ HCO* + H* <- HCOH* + *
⬿ COH* + H* -> HCOH* + *	⬿ COH* + H* <- HCOH* + *
⬿ HCOH* + * -> CH* + OH*	⬿ HCOH* + * <- CH* + OH*
⬿ HCOH* + H* -> CH2OH* + *	⬿ HCOH* + H* <- CH2OH* + *
⬿ CH2OH* + * -> CH2* + OH*	⬿ CH2OH* + * <- CH2* + OH*
⬿ CH2OH* + H* -> CH3OH* + *	⬿ CH2OH* + H* <- CH3OH* + *
⬿ CH2O* + H* -> CH2OH* + *	⬿ CH2O* + H* <- CH2OH* + *
⬿ CH2O* + * -> CH2* + O*	⬿ CH2O* + * <- CH2* + O*
⬿ CH2O* + H* -> CH3O* + *	⬿ CH2O* + H* <- CH3O* + *
⬿ CH3O* + * -> CH3* + O*	⬿ CH3O* + * <- CH3* + O*
⬿ CH3O* + H* -> CH3OH* + *	⬿ CH3O* + H* <- CH3OH* + *
⬿ CH3OH* + * -> CH3* + OH*	⬿ CH3OH* + * <- CH3* + OH*
⬿ O* + H* -> OH* + *	⬿ O* + H* <- OH* + *
⬿ OH* + H* -> H2O* + *	⬿ OH* + H* <- H2O* + *
⬿ OH* + OH* -> O* + H2O*	⬿ OH* + OH* <- O* + H2O*
⬿ CH4 + 2 * -> CH3* + H*	⬿ CH4 + 2 * <- CH3* + H*
⬿ CH3OH + * -> CH3OH*	⬿ CH3OH + * <- CH3OH*