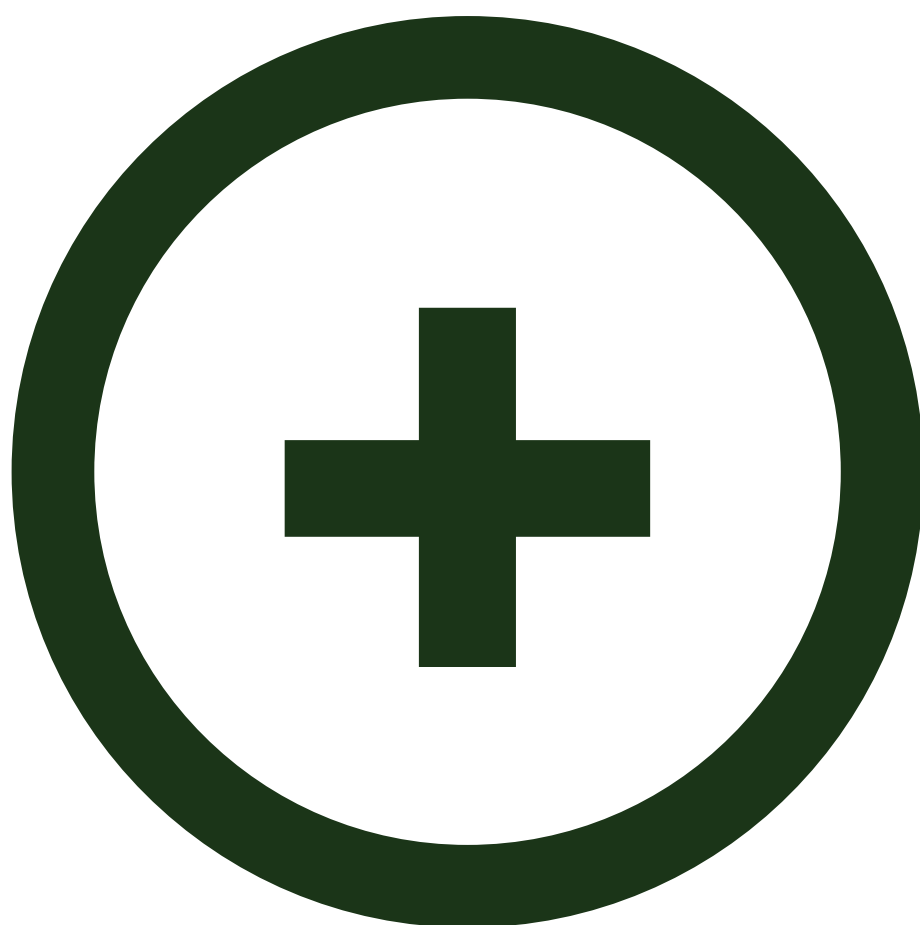

ADDITION



ADDITION REACTIONS, ALSO KNOWN AS SYNTHESIS REACTIONS OR DIRECT COMBINATION REACTIONS, INVOLVE TWO OR MORE REACTANTS COMBINING TO FORM A SINGLE MORE COMPLEX PRODUCT. EXAMPLES ARE THE REACTION OF IRON AND SULFUR TO FORM IRON SULFIDE, OR, IN ORGANIC CHEMISTRY, THE REACTION OF ETHENE & BROMINE TO FORM DIBROMOETHANE.

