

Playing with molecular building blocks

BASIC TYPES OF ORGANIC REACTIONS (*so far...more in Organic II*)

1. Radical halogenation:

adds a functional group
to alkanes (*unreactive!*)



2. Substitution:

change to a different
functional group



3. Elimination:

create a π -bond



4. Electrophilic addition:

use π -bond to add a
new functional group
(very helpful for switching
funct'nl group positions!)



Mixing & matching these types of rxns
can provide a variety of routes to our
molecules of interest \rightarrow versatility!
(use trial & error to find best pathway!)

(1)