Warm Up

Name the following molecules:

Reaction Types

ADDITION- multiple bonds (pi bonds) are broken and hydrogen

or halide are added.

SUBSTITUTION REACTIONS - carbon-hydrogen (sigma bonds) are broken and the hydrogen is replaced with another functional group.

- very difficult reaction; usually occurs in the presence of light

Ex. propane + bromine

ELIMINATION REACTIONS - carbon-hydrogen and carbon-halide sigma bonds are broken and a multiple bond (pi bond) forms - common method of preparing alkenes

Homework

Worksheet