CHEM 108A Lecture 9

Alkene Nomenclature

Name the following using IUPAC rules

Number so that the alkene gets the lowest possible number

Designate the following alkenes as E or Z. Give the full names for (a) and (e).

(a)
$$Cl$$
 (b) Cl (c) Cl (d) Cl (e) Cl

Designate the following (more complex) alkenes as E or Z:

$$\begin{array}{c|c} O & & & CI & NH_2 \\ \hline HO & & Br & NH_2 \\ Br & & CN \end{array}$$