

**Alkanes** — Saturated hydrocarbons

**Alkenes** = } unsaturated hydrocarbons  
**Alkynes** ≡ }

Number the carbon of the double or triple bond

Double/triple bond takes precedence over attached groups when numbering carbons

**Halogens - group 17 - 7 valence e<sup>-</sup>**

Fluorine  $x - \ddot{\text{F}}:$  fluoro

Chlorine  $x - \ddot{\text{Cl}}:$  chloro

Bromine  $x - \ddot{\text{Br}}:$  bromo

Iodine  $x - \ddot{\text{I}}:$  iodo

