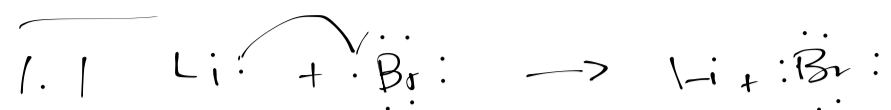


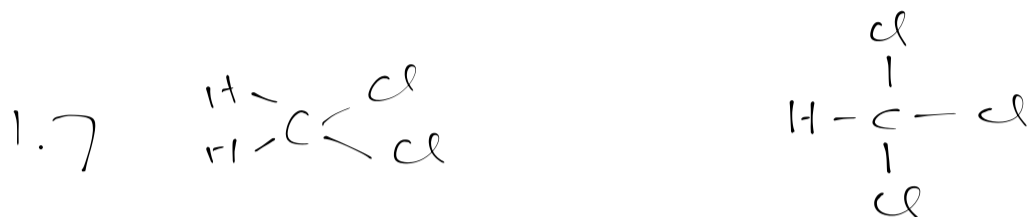
HW 8.23 1.1 1.6 1.7 1.9 1.15 1.16



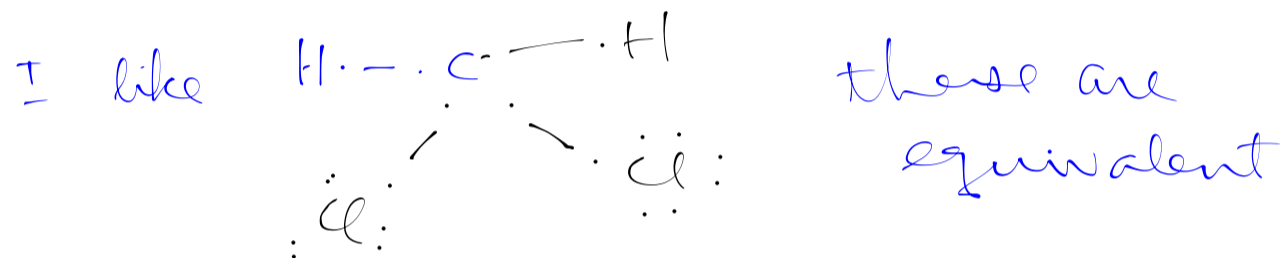
use $\frac{1}{2}$ arrow to move a single electron



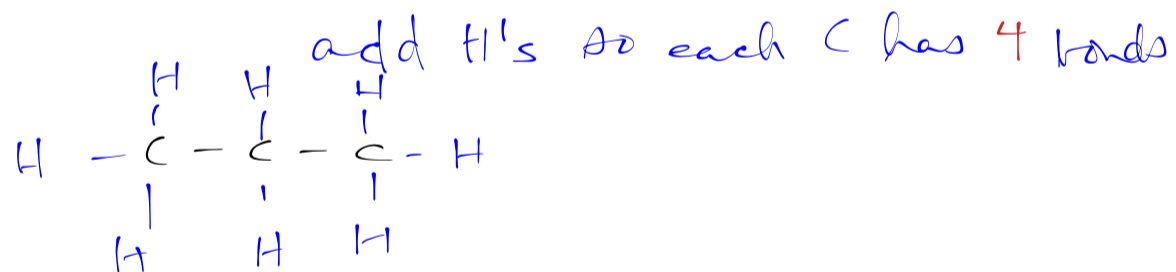
these e- combine to form a bond



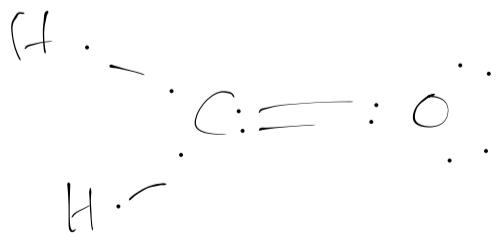
Just like the (:) notation



1.9 $\text{C} - \text{C} - \text{C}$ draw C backbone first



1.15 this is asking for a Lewis diagram



this is tricky as it has formal charge
it is isoelectronic with N_2
it is a favorite in freshman chemistry
one to remember!