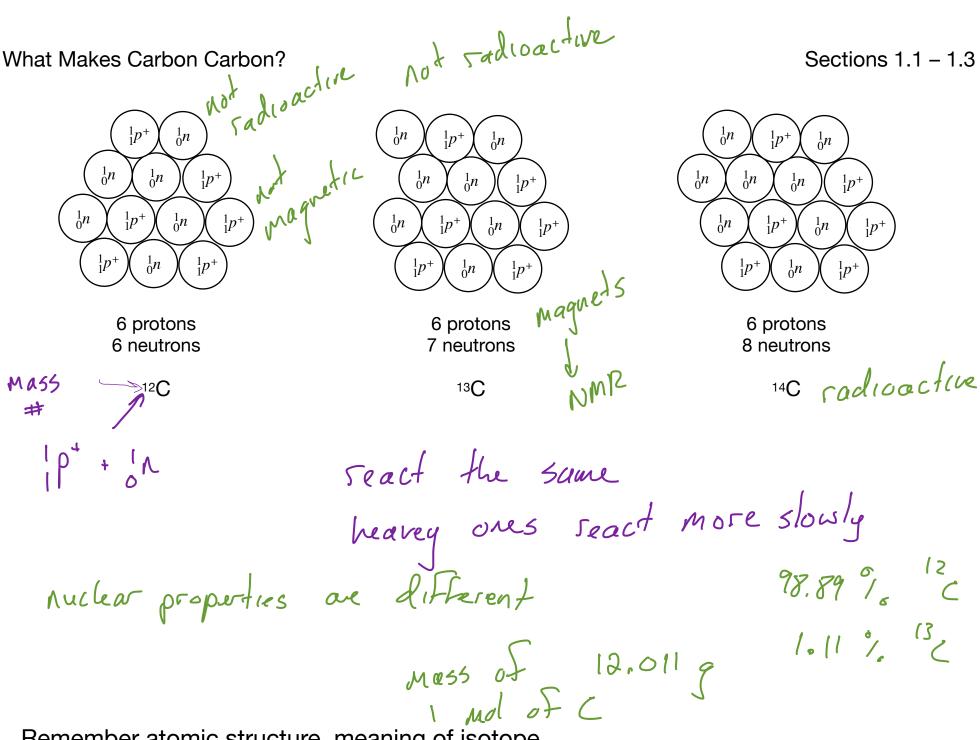
Today Next Class

Attendance

Sections 1.1 – 1.3, 1.5
electrons, valence vs core electrons and using the periodic table for help periodic trends metals and nonmetals octet rule lonic Interactions, Polar Bonds, and Nonpolar Bonds

Sections 1.4, 1.6
Different ways of representing molecules
An introduction to Molecular Orbital Theory



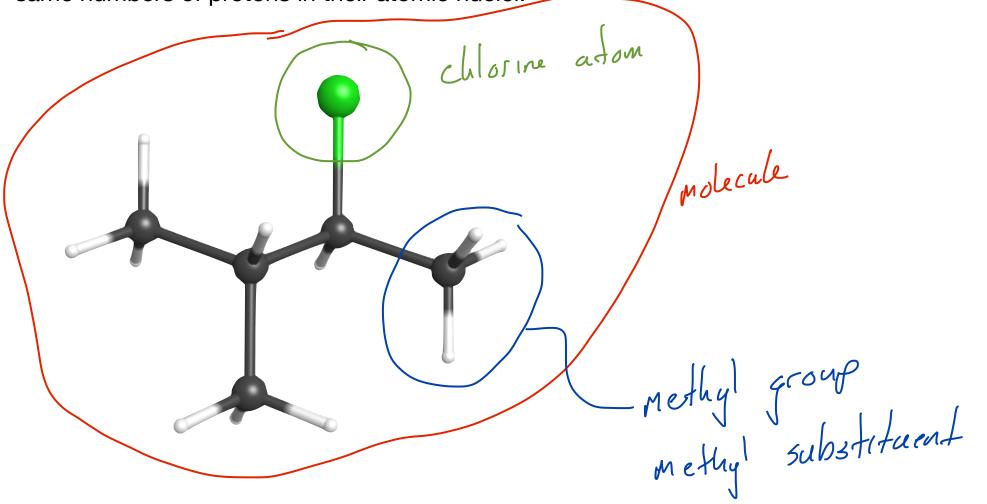
Remember atomic structure, meaning of isotope

Atoms, Elements, Molecules, and Substituents or Groups

A diversion into the language of chemistry...

"In chemistry, an element is a pure substance consisting only of atoms that all have the

same numbers of protons in their atomic nuclei."1



<sup>&</sup>lt;sup>1</sup> https://en.wikipedia.org/wiki/Chemical\_element