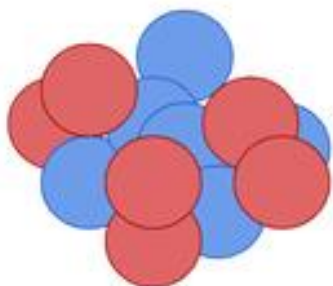
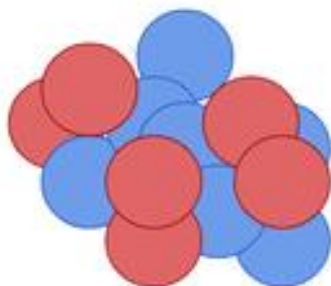


What is the difference between an atom and an isotope?

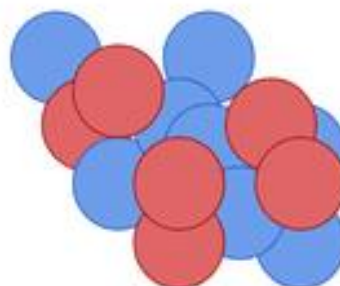
Find the difference in the nucleus of the carbon atoms.



Carbon-12
Nucleus

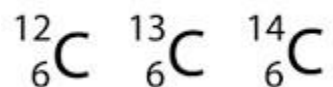


Carbon-13
Nucleus



Carbon-14
Nucleus

For the following questions use the following picture



How many protons are in the atom?

How many neutrons are in the atom?

How many electrons are in the atom?

What is the difference between the atoms?

Why does the number of protons always stay the same?