

That's Why Carbon Is a Tramp

DenSchool.com's Worksheet for Crash Course's Biology Video #1

Name: _____ Date: _____

Directions: Fill in the blanks using the word bank.

_____ compounds are a class of compounds that contain carbon.

Carbon has ___ protons and ___ neutrons and ___ electrons for a total atomic weight of ___.

Life is only possible on earth because carbon is always floating around in our atmosphere in the form of carbon _____.

Atoms have electron _____ and they need them filled in order to be happy, fulfilled atoms.

We use _____ to represent how atoms bond to each other.

The _____ says that atoms of low (<20) atomic number tend to combine in such a way that they each have eight electrons in their valence shells.

In a _____, atoms are sharing electrons with each other.

Instead of sharing electrons atoms, in an _____, atoms just completely wholeheartedly donate or accept an electron from another atom and then live happily as an _____.

Word Bank

6	6	6
12	covalent bond	dioxide
ion	ionic bond	Lewis dot structures
octet rule	organic	shells

Bonus Question: How do you find the atomic weight of an atom?