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

<table>
<thead>
<tr>
<th>6</th>
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</thead>
<tbody>
<tr>
<td>12</td>
<td>covalent bond</td>
<td>dioxide</td>
</tr>
<tr>
<td>Ion</td>
<td>ionic bond</td>
<td>Lewis dot structures</td>
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<tr>
<td>octet rule</td>
<td>organic</td>
<td>shells</td>
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</tbody>
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Bonus Question: How do you find the atomic weight of an atom?