**Quiz on Covalent Molecular Bonding (easy)**

[**http://www.proprofs.com/quiz-school/story.php?title=covalent-bonds-quiz**](http://www.proprofs.com/quiz-school/story.php?title=covalent-bonds-quiz)

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|  |  |
| --- | --- |
| **1.** | What is  a chemical bond that involves sharing a pair of electrons between atoms in a molecule? |

|  |  |
| --- | --- |
| **A.** | A cation |

|  |  |
| --- | --- |
| **B.** | An ion |

|  |  |
| --- | --- |
| **C.** | A covalent bond |

|  |  |
| --- | --- |
| **D.** | An ionic bond |

|  |  |
| --- | --- |
| **2.** | Covalent chemical bonds where two lobes of one involved electron orbital overlap two lobes of the other is a |

|  |  |
| --- | --- |
| **A.** | Ionic bond |

|  |  |
| --- | --- |
| **B.** | Covalent bond |

|  |  |
| --- | --- |
| **C.** | Sigma bond |

|  |  |
| --- | --- |
| **D.** | Pi bond |

|  |  |
| --- | --- |
| **3.** | A chemical bond in which one atom loses an electron to form a positive ion and the other atom gains an electron to form a negative ion is a (an) |

|  |  |
| --- | --- |
| **A.** | Cation |

|  |  |
| --- | --- |
| **B.** | Ionic bond |

|  |  |
| --- | --- |
| **C.** | Ionic bond |

|  |  |
| --- | --- |
| **D.** | Covalent bond |

|  |  |
| --- | --- |
| **4.** | A chemical bond in which one atom loses an electron to form a positive ion and the other atom gains an electron to form a negative ion is |

|  |  |
| --- | --- |
| **A.** | A sigma bond |

|  |  |
| --- | --- |
| **B.** | An anion |

|  |  |
| --- | --- |
| **C.** | Cation |

|  |  |
| --- | --- |
| **D.** | Pi bond |

|  |  |
| --- | --- |
| **5.** | A positively charged ion |

|  |  |
| --- | --- |
| **A.** | Sigma bond |

|  |  |
| --- | --- |
| **B.** | Pi bond |

|  |  |
| --- | --- |
| **C.** | Anion |

|  |  |
| --- | --- |
| **D.** | Cation |

|  |  |
| --- | --- |
| **6.** | A negatively charged ion |

|  |  |
| --- | --- |
| **A.** | A cation |

|  |  |
| --- | --- |
| **B.** | An anion |

|  |  |
| --- | --- |
| **C.** | A covalent bond |

|  |  |
| --- | --- |
| **D.** | An ionic bond |

|  |  |
| --- | --- |
| **7.** | Electron-dot diagrams or Electron-dot structures |

|  |  |
| --- | --- |
| **A.** | Lewis Dot Structure |

|  |  |
| --- | --- |
| **B.** | An ion |

|  |  |
| --- | --- |
| **C.** | Electronegativity |

|  |  |
| --- | --- |
| **D.** | An anion |

|  |  |
| --- | --- |
| **8.** | Bonding occurs because of the attractions of |

|  |  |
| --- | --- |
| **A.** | Ions |

|  |  |
| --- | --- |
| **B.** | Neutrons |

|  |  |
| --- | --- |
| **C.** | Electrons |

|  |  |
| --- | --- |
| **D.** | Protons |

|  |  |
| --- | --- |
| **9.** | A bond in which a single pair electrons is shared between a pair of atoms is |

|  |  |
| --- | --- |
| **A.** | A single bond |

|  |  |
| --- | --- |
| **B.** | Double bond |

|  |  |
| --- | --- |
| **C.** | Triple bond |

|  |  |
| --- | --- |
| **D.** | Ionic bond |

|  |  |
| --- | --- |
| **10.** | A bond in which two pairs of electrons are shared between two atoms. |

|  |  |
| --- | --- |
| **A.** | Triple bond |

|  |  |
| --- | --- |
| **B.** | Double bound |

|  |  |
| --- | --- |
| **C.** | Single bond |

|  |  |
| --- | --- |
| **D.** | Ionic bond |