**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  |

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| --- | --- |
| **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  |

|  |  |
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| **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  |