

6.2 Wkst

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MrG

Mr. Gunkelman

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Name: _____

1. What are the 3 different types of bonding?
2. When an ionic cmpd is made, a positive ion and a negative ion combine to form a cmpd. What is the charge of the cmpd? Explain. (2)
3. Ionic cmpds tend to have _____ boiling points.
4. T / F : Covalent cmpds are good conductors of heat and electricity.
5. What is a formula unit?
6. A(n) _____ the attractive force between oppositely charged ions, which form when electrons are transferred from one atom to another
7. Why do metals tend to be able to be molded (bent) while ionic cmpds cannot be molded?
8. When a calcium cation is formed, it loses _____ electrons.
9. The result of this bond is a _____ compound

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10. If the polyatomic ion Gunkate has the following chemical formula (GkO_5^{3-}), Gunkite would have a chemical formula and charge of.... (2)
11. Compare AND contrast ionic bonds and covalent bonds. (2)
12. T / F : In a nonpolar cmpd, electrons are shared equally.
13. What type of covalent bond with form between 2 oxygen atoms?