

Name: _____ Period: _____

Weekly Review #4: Naming/Formula Writing for Binary Ionic Compounds and Multivalent

1. What is the charge of iron in the compound iron (III) oxide? _____
2. What is the name of CuS?
 - a. Copper sulfide
 - b. Copper (I) sulfide
 - c. Copper (II) sulfide
 - d. Copper (II) sulfide (II)
3. What is the name for the compound Al₂O₃?
 - a. Aluminum trioxide
 - b. Aluminum (III) oxide
 - c. Aluminum oxide
 - d. Aluminum (II) oxide
4. What is the correct formula for chromium (II) nitride?
 - a. CrN₃
 - b. CrN
 - c. Cr₂N₃
 - d. Cr₃N₂
5. Which compound below is written incorrectly?
 - a. MgO
 - b. AgCl₃
 - c. SO₂
 - d. NaF
6. Which of the following names is correct?
 - a. disodium monochloride
 - b. nitrogen (III) chromide
 - c. iron oxide
 - d. strontium sulfide
7. What is the charge of the cation in CuS?
 - a. +1
 - b. +2
 - c. -1
 - d. -2
8. What is the name of the compound SnO? _____
9. What is the total charge from the anion in the ionic compound Ca₃N₂? _____

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