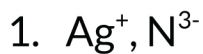
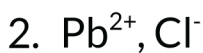
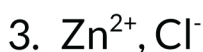


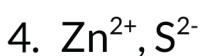
WRITING AND NAMING BINARY COMPOUNDS WORKSHEET

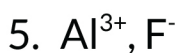
Use the following ions to form a binary compound and name them.

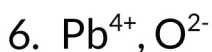


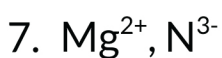




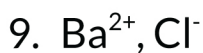


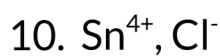


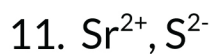




















WRITING AND NAMING BINARY COMPOUNDS WORKSHEET

Answers

Use the following ions to form a binary compound and name them.

1. $\text{Ag}^+, \text{N}^{3-}$ Ag_3N - Silver Nitride
2. $\text{Pb}^{2+}, \text{Cl}^-$ PbCl_2 - Lead (II) Chloride
3. $\text{Zn}^{2+}, \text{Cl}^-$ ZnCl_2 - Zinc Chloride
4. $\text{Zn}^{2+}, \text{S}^{2-}$ ZnS - Zinc Sulfide
5. $\text{Al}^{3+}, \text{F}^-$ AlF_3 - Aluminum Fluoride
6. $\text{Pb}^{4+}, \text{O}^{2-}$ PbO_2 - Lead (IV) Oxide
7. $\text{Mg}^{2+}, \text{N}^{3-}$ Mg_3N_2 - Magnesium Nitride
8. $\text{Hg}^{2+}, \text{I}^-$ HgI_2 - Mercury (II) Iodide
9. $\text{Ba}^{2+}, \text{Cl}^-$ BaCl_2 - Barium Chloride
10. $\text{Sn}^{4+}, \text{Cl}^-$ SnCl_4 - Tin (IV) Chloride
11. $\text{Sr}^{2+}, \text{S}^{2-}$ SrS - Strontium Sulfide
12. $\text{Cu}^+, \text{O}^{2-}$ Cu_2O - Copper (I) Oxide
13. $\text{Cs}^+, \text{P}^{3-}$ Cs_3P - Cesium Phosphide
14. $\text{Cd}^{2+}, \text{S}^{2-}$ CdS - Cadmium Sulfide
15. Hg^+, Cl^- Hg_2Cl_2 - Mercury (I) Chloride