

NAMING COMPOUNDS (MIXED)

Name _____

Name the following compounds.

1. NaCl _____
2. MnS _____
3. K₂O _____
4. CuBr₂ _____
5. CuBr _____
6. CO₂ _____
7. PbSO₄ _____
8. Li₂CO₃ _____
9. Na₂CO₃ _____
10. NO₂ _____
11. N₂O₄ _____
12. Ca(OH)₂ _____
13. NH₄Cl _____
14. SO₃ _____
15. AlPO₄ _____
16. CCl₄ _____
17. CaS _____
18. NH₃ _____
19. MgI₂ _____
20. K₃PO₄ _____

Write the chemical formula for the binary ionic compounds formed between the following elements:

1. potassium and iodine _____
2. zinc and chlorine _____
3. aluminum and nitrogen _____

Name the following binary ionic compounds.

1. NaF _____
2. CaCl₂ _____
3. Al₂S₃ _____
4. AgBr _____
5. Li₃N _____
6. BaS _____

Write the correct chemical formula for the following binary ionic compounds.

1. magnesium oxide _____
2. aluminum fluoride _____
3. calcium bromide _____
4. zinc iodide _____
5. silver sulfide _____
6. calcium nitride _____
7. sodium oxide _____
8. lithium chloride _____
9. magnesium phosphide _____

Name the following molecular compounds based on the formula.

1. BF₃ _____
2. N₂H₄ _____
3. SO₃ _____
4. CS₂ _____
5. CBr₄ _____
6. I₄O₉ _____
7. N₂O₃ _____
8. IBr _____

Write the correct formula for the following molecular compounds based on the name.

1. chlorine dioxide _____
2. xenon tetrafluoride _____
3. disulfur tetroxide _____
4. arsenic pentachloride _____
5. dihydrogen monosulfide _____
6. tetraphosphorus hexoxide _____
7. dichlorine monoxide _____
8. diiodine heptoxide _____