

Worksheet: Formula Writing – Polyatomic ions

(Frameworks Code)

Write the oxidation number above the name of each element or polyatomic ion. Then write the correct chemical formula for the following compounds. **Note:** Zinc and silver have 2+ and 1+ oxidation numbers, respectively.

1. Calcium sulfate _____
2. Sodium carbonate _____
3. Hydrogen nitrate _____
4. Hydrogen phosphate _____
5. Barium carbonate _____
6. Calcium nitrate _____
7. Lithium chlorate _____
8. Aluminum hydroxide _____
9. Sodium acetate _____
10. Ammonium sulfate _____
11. Potassium hydroxide _____
12. Iron (III) nitrate _____
13. Zinc sulfate _____
14. Aluminum phosphate _____
15. Sodium hydroxide _____
16. Zinc acetate _____
17. Silver nitrate _____
18. Barium bicarbonate _____
19. Calcium carbonate _____
20. Copper (II) hydroxide _____