

Name: _____

Ionic Compounds

Directions: Use the periodic table to find the charges on the ions and then write them into a proper chemical formula

Combine the following to form the correct ionic compounds.

Charges	Formula	Charges	Formula
1. Na + O →		10. C + Cl →	
2. Li + N →		11. Al + Cl →	
3. Be + O →		12. Rb + O →	
4. Mg + Cl →		13. Sn + F →	
5. Al + O →		14. Ge + S →	
6. Cu ²⁺ + Cl →		15. K + Cl →	
7. In + Br →		16. H + S →	
8. K + P →		17. Sn + O →	
9. Sr + Cl →			
18. Al + CO ₃ →		30. Ra + OH →	
19. Al + OH →		31. Al + SO ₄ →	
20. K + SO ₄ →		32. Ca + PO ₄ →	
21. Mg + ClO ₃ →		33. NH ₄ + O →	
22. Si + C ₂ H ₃ O ₂ →		34. Sn + NO ₃ →	
23. Mg + NO ₃ →		35. Ca + C ₂ H ₃ O ₂ →	
24. NH ₄ + Cl →		36. Ge + OH →	
25. Ag ³⁺ + ClO ₃ →		37. Al + SO ₄ →	
26. Si + NO ₃ →		38. Cr ⁴⁺ + OH →	
27. Cr ⁵⁺ + CO ₃ →		39. Cr ₂₊ + PO ₄ →	
28. Cr ³⁺ + CO ₃ →		40. Cr ₊ + SO ₄ →	
29. Cr ⁶⁺ + C ₂ H ₃ O ₂ →			
41. Sn + PO ₄ →			