

College Prep Chemistry of the Earth System

Assignment 5L

50 Points

Double Replacement Reactions

Determine the charge of the transition metal in each of the ionic compounds below

1. ZnBr
2. CuCl₃
3. Fe(NO₃)₂
4. Pb(SO₄)₂
5. Pd₃(PO₄)₂
6. MnCO₃
7. WN₂
8. Sn(CrO₄)₂

For the following reactants complete the reaction by determining the products.

9. ___ AlCl₃ + ___ LiBrO₃ →
10. ___ ZnNO₃ + ___ CaCO₃ →
11. ___ Na₂SO₄ + ___ Fe(ClO₃)₂ →
12. ___ PbBr₄ + ___ Ca(NO₃)₂ →
13. ___ Al(BrO₃)₃ + ___ MnCl₃ →
14. ___ Ag₂SO₄ + ___ ZnCO₃ →
15. ___ Na₂CrO₄ + ___ Ba(FO₃)₂ →
16. ___ Cu(NO₃)₃ + ___ Cr₂O₃ →
17. ___ Zn₂CO₃ + ___ Pb₃(PO₄)₄ →
18. ___ Fe(FO₃)₃ + ___ BeCO₃ →