

College Prep Chemistry of the Earth System

Assignment 5C 30 Points

Balancing Chemical Reactions

For the following chemical equations balance the equation. Show balancing chart.

No Chart = No Credit!

Part 1 – Combination and Decomp Reactions

1. ___ Na + ___ F₂ → ___ NaF
2. ___ Al + ___ Br₂ → ___ AlBr₃
3. ___ Ti + ___ Cl₂ → ___ TiCl₄
4. ___ W + ___ I₂ → ___ WI₆
5. ___ V + ___ O₂ → ___ V₂O₃
6. ___ Cu + ___ P → ___ Cu₃P₂
7. ___ Ti + ___ N₂ → ___ Ti₃N₄
8. ___ Mn + ___ S → ___ Mn₃S₂
9. ___ H₂O → ___ H₂ + ___ O₂
10. ___ SiS₂ → ___ Si + ___ S
11. ___ N₂O₃ → ___ N₂ + ___ O₂
12. ___ SF₆ → ___ S + ___ F₂