

Synthesis Reactions  
Practice for Proficiency

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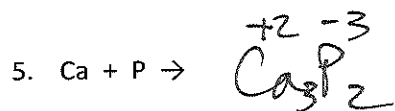
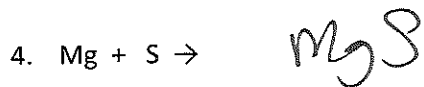
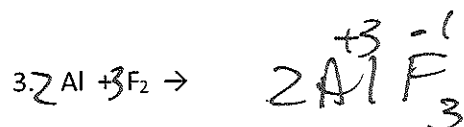
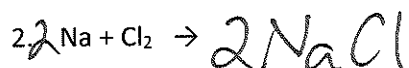
Objective: Can you predict and accurately write out the products of a synthesis reaction

\*Note: We are only using synthesis reactions to make ionic compounds.

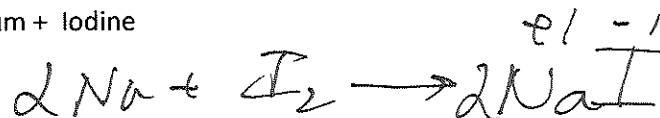
1. Key ideas to keep in your mind

- Write out the template:
- When writing ionic compounds, remember to?
- What are the 7 elements that come as pairs (diatomic).

For the following problems please predict the products and balance.



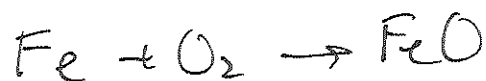
6. Sodium + Iodine



7. Copper + Oxygen



8. Iron rusting in oxygen to form Iron(II) oxide.



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