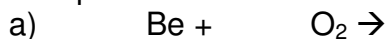
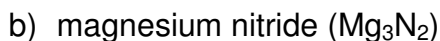


13. Complete and balance these combination reactions.



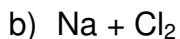
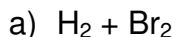
14. Write and balance an equation for the formation of each compound from its elements.



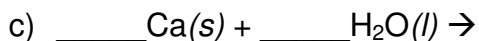
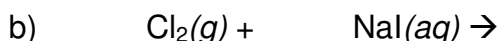
15. Complete and balance these decomposition reactions.



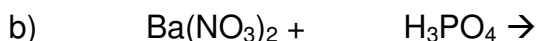
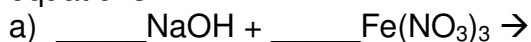
16. Write the formula for the binary compound that decomposes to each set of products.



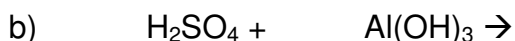
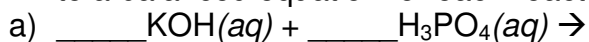
17. Complete the equations for these single-replacement reactions that take place in aqueous solution. Balance each equation. If a reaction does not occur write "no reaction."



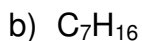
18. Write the products for these double-replacement reactions. Then balance each equation.



19. Write a balanced equation for each reaction.



20. Write a balanced equation for the complete combustion of each compound.



21. Write a balanced equation for the complete combustion of glucose (C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>).