

Name: _____

SCH 3U Balancing Quiz

Write balanced chemical equation for each word description.

1. single replacement between aluminum and silver carbonate
2. double displacement that **results** in calcium phosphate and potassium bromide
3. decomposition of sodium carbonate produces a gas and an ionic compound
4. synthesis of ammonium nitrate from its elements
5. combustion of hexane (C_6H_{14})
6. double displacement between osmium (VI) carbonate and potassium phosphite
7. combustion of decane ($C_{10}H_{22}$)
8. single replacement between chromium (III) oxide and chlorine
9. decomposition of gallium hydroxide to form a common molecule and an ionic compound composed of only two elements
10. synthesis of calcium hydroxide from two starting materials
11. Bonus

