Chemistry 20: Balancing Reactions

1. **Numerical response question**

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Left justify your answer in the boxes provided.

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| Determine the smallest whole number coefficients that will balance the following reaction.  \_\_\_\_\_ C3H8(g) + \_\_\_\_\_ O2(g) 🡪 \_\_\_\_\_ CO2(g) + \_\_\_\_ H2O(g) |

1. **Numerical response question**

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Left justify your answer in the boxes provided

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| Consider the double replacement reaction below.  \_\_\_\_\_ NaBr(s) + \_\_\_\_\_ Al(OH)3(s) 🡪 \_\_\_\_\_ AlBr3(s) + \_\_\_\_ NaOH(s)  The smallest whole number coefficients to balance this reaction will be \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_. |

1. **Numerical response question**

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Left justify your answer in the boxes provided

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| Find the SUM of the smallest whole number coefficients in the balanced equation of the complete combustion of propane (C3H8(g)) |

Solutions:

1. 1534
2. 3113
3. 13