**Try This #8**

Label the type of reaction for each of the following – how did you decide? (Hydrocarbon combustion, synthesis or decomposition?)

1. KClO3 KCl + O2
2. P4 + O2 P2O5
3. C3H8 + O2 CO2 + H2O

Then choose one to balance

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| **Beginning** | **Developing** | **Accomplished** | **Exemplary** |
| Does not demonstrate a basic understanding of concept. Substantial errors throughout. | Basic understanding of concepts. Errors and inconsistency reveal some missing understanding of the concepts. | Solid understanding of concepts. Most answers are correct with only a few errors. | Complete and in depth understanding of concepts. |