

Name: _____

SCH 4C Equation Quiz

1. Balance each equation by adding stoichiometric coefficients. Be sure that your answers are in lowest terms. Then identify each reaction as one of:

- synthesis
- decomposition
- single replacement
- double replacement
- hydrocarbon combustion



type = synthesis



type = double replacement



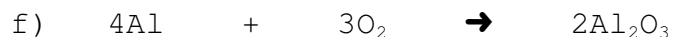
type = decomposition



type = single replacement

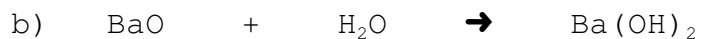
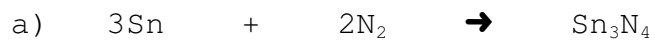


type = hydrocarbon combustion

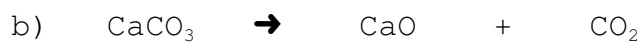


type = synthesis

2. Complete each synthesis reaction and balance:



3. Complete each decomposition reaction and balance:



4. Complete each single replacement reaction and balance:



5. Complete each double replacement reaction and balance:

