

# Preclass Assignment

## CHEM 1090-General Chemistry I

Name:

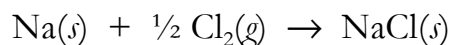
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Section: 31, MWF

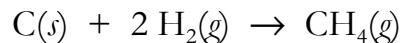
Due Date: Friday 8/18/2017

2. Write chemical equations for the production of 1 mol of each of the following substances from their corresponding elements. Follow the examples and don't forget expected physical states for each of the elements and watch for diatomics.

Example #1: NaCl(*s*)



Example #2: CH<sub>4</sub>(*g*)



a. CO<sub>2</sub>(*g*)

b. N<sub>2</sub>O<sub>5</sub>(*g*)

c. CaCl<sub>2</sub>(*s*)

d. CaSO<sub>4</sub>(*s*)

e. C<sub>2</sub>H<sub>2</sub>(*g*)