

# Preclass Assignment

## CHEM 1090-General Chemistry I

Name:

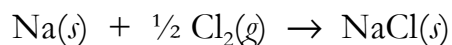
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Section: 32, MWF

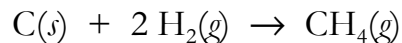
Due Date: Monday 2/18/2019

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:  $\text{NaCl}(s)$



Example #2:  $\text{CH}_4(g)$



a.  $\text{CO}_2(g)$

b.  $\text{N}_2\text{O}_5(g)$

c.  $\text{CaCl}_2(s)$

d.  $\text{CaSO}_4(s)$

e.  $\text{C}_2\text{H}_2(g)$