

Preclass Assignment

CHEM 1090-General Chemistry I

Name:

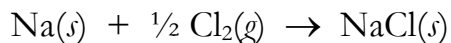
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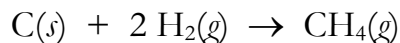
Due Date: Thursday 3/12/2020

1. 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: CH₄(g)



a. CO₂(g)

b. N₂O₅(g)

c. CaCl₂(s)

d. CaSO₄(s)

e. C₂H₂(g)