

## CE 329 Fall 2015

### Assignment 2

#### Problem Statement

Suppose a mixture of 3 moles of steam and 1 mole of carbon monoxide is going to react according to reaction (1) to produce a half mole each of hydrogen and carbon dioxide. The reaction will take place at 250 °C and 322 psia. Calculate the standard heat of reaction at 250 °C and 322 psia.

