Preclass Assignment CHEM 1100-General Chemistry II

Name:

Section: 31, TR

Due Date: Tuesday 2/25/2020

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1. A mixture of $0.250 \text{ M H}_2\text{O}$ and 0.250 M CO is allowed to come to equilibrium. Calculate the equilibrium concentrations of all the chemical species. K_c is 4.11 at 800 K.

 $H_2O(g) + CO(g) \rightleftharpoons H_2(g) + CO_2(g)$