

# Lecture 33 Problems

## Problem 1

(a):  $167 \text{ kJ/mol}$

(b):  $1000 \text{ K}$

## Problem 2

(a)  $A = 1 \cdot 10^{15} / s$

(b)  $3 \cdot 10^{-33} s^{-1}$

### Problem 3

Q: Endothermic