

Homework 8  
due October 23, 2008

If you find yourself without enough information, make and justify a reasonable approximation. Please answer all parts of a question! (This is good practice for an exam setting.)

1. Felder and Rousseau, problem 4.60 (recycle and purge).
2. Felder and Rousseau, problem 5.20 (ideal gas, cont'd).
3. Felder and Rousseau, problem 5.30 (combustion and ideal gas law).

**REMINDER:** Part I of the project is due on Tuesday Oct 21. This homework contains fewer problems to help you have time to finish that properly.