

**KSU – Chemical Engineering Department**  
**ChE 320 (Chemical Reactor Engineering) – TUT #8**

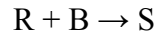
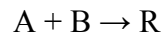
**Name:**

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1. The following elementary liquid phase reactions are to be carried out, where species R is the desired product.



Describe your reactor system and conditions to maximize the selectivity.

2. Solve Problem 8.4a, and 8.4b, using Polymath.