Name:				ID:		SN:
The reaction: A	$\rightarrow$ B + C, wa	is carried of	out and the	ne followi	ng data re	corded:
X 0	0.1	0.2	0.4	0.6	0.7	0.8

a. What is the CSTR volume necessary to achieve 45% conversion?

b. What is the CSTR volume added in series to the first to achieve 67% conversion?

c. Repeat (a) and (b) for PFR with conversions 50% and 75% respectively.

d. Over what range of conversions would the PFR and CSTR reactor volumes be identical?