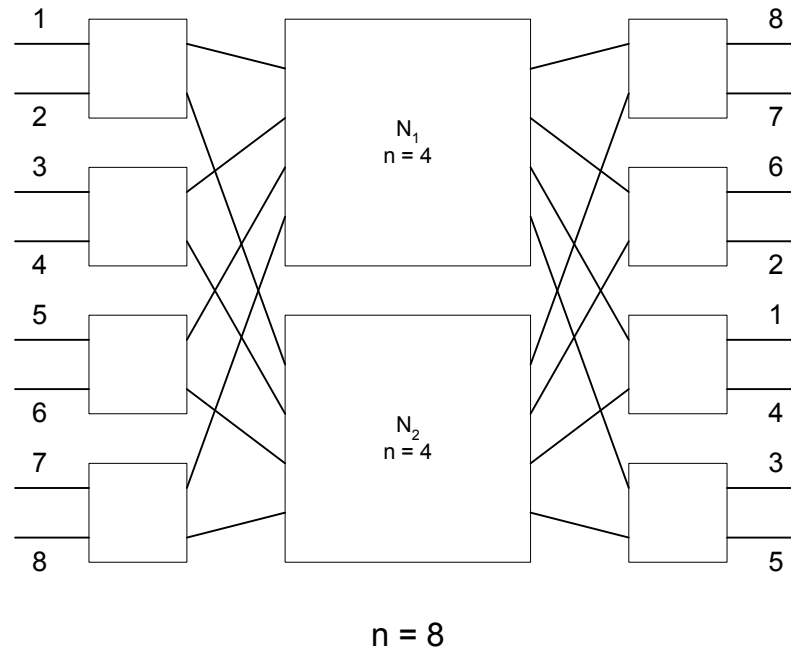


**Assignment #3:**  
June 15  
**Please keep a copy with you!!!**

1. Show switch settings for the following using the algorithm described in class: Show the settings for all switches.



2. Problem 4-5
3. Problem 4-6
4. Problem 9-2 (a),(b),(c).
5. In SELECT algorithm, we grouped elements into sets of 5 each (except possibly the last one which may contain fewer). Analyse the algorithm if we made the following changes (one at a time)
  - (a) We grouped them into sets of 7
  - (b) We group them into sets of 3

Justify your answer.
6. 9.3-8 (page 192)
7. Challenge Problem: Problem 9.3-4 (page 192): do for  $i = 2$ .