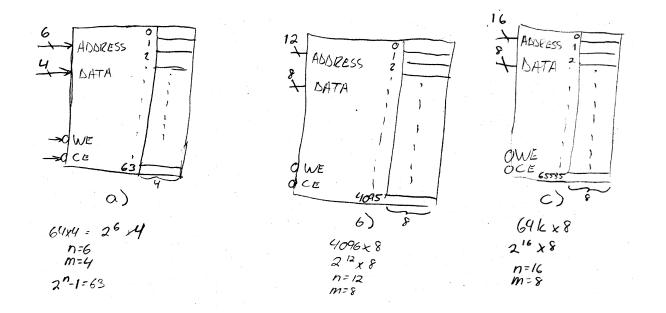
Homework 9 Solutions

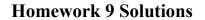
Lam Book Problems 6.17

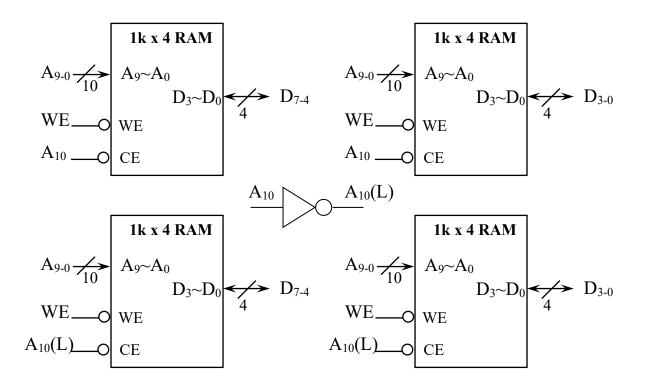


6.18) 7 oddress 8 data 27.8=/128×8=1K=/1024 bits α 6) 14 address 4 data 2"4.4=[16kx4]=64k=65536 bits) C) 10 address 16 data

2".16 = 1 kx 16= 16k = 16384 6its

6.19 This is a 2k x 8 RAM.





Question 1: How would you add a CE for the <u>entire circuit</u>?

Question 2: What if one you wanted a 2k x 8 memory module that had a 1k x 8 RAM and a 1k x 8 ROM? How would you be assured that no data collisions would occur?

