4.2.6.5 . Exercise 4.3

Q1: If {ABCD} is a frequent itemset list possible candidate rules

Solution O $2^k-2=2^4-2=16-2=14$ condidate. Due to we exclude $\phi \to L$ $L \to \phi$

3 One element LHS

3) Two element LHS

3 Three - element LHS

Q2: BC > AD isn't a strong rule

list rules can be prune.

Solution: According to the 4.2.6.3

Confidence - Based Praning

(2) B > ACD

C > ABD

will be pruned.